

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016109.D
 Acq On : 27 Oct 2023 17:20
 Operator : SY/MD
 Sample : 05107-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	134801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76769	57.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.540%	
35) Dibromofluoromethane	7.716	113	72954	50.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.179	98	278970	52.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.483	95	87021	47.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.120%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	2394	Below Cal	#	89
16) Acetone	3.948	43	9538	26.253	ug/l	98
20) Methylene Chloride	4.716	84	35567	21.862	ug/l	86
25) 2-Butanone	6.990	43	5615	11.451	ug/l	95
26) 2,2-Dichloropropane	6.972	77	2584	1.172	ug/l	# 54
31) Cyclohexane	7.783	56	64542	30.607	ug/l	94
36) 1,1-Dichloropropene	7.789	75	10679	5.320	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	13245	6.240	ug/l	# 16
39) Methylcyclohexane	9.179	83	176700	72.258	ug/l	93
40) Benzene	8.161	78	5281646	929.357	ug/l	99
41) Methacrylonitrile	7.533	41	1051	1.952	ug/l	# 1
42) 1,2-Dichloroethane	8.161	62	43944	26.760	ug/l	# 78
43) Isopropyl Acetate	8.264	43	2986	1.552	ug/l	# 55
48) Methyl methacrylate	9.246	41	3732	4.211	ug/l	# 13
51) 4-Methyl-2-Pentanone	10.069	43	44600	43.938	ug/l	90
52) Toluene	10.246	92	5446903	1492.556	ug/l	88
53) t-1,3-Dichloropropene	10.246	75	65260	31.289	ug/l	# 1
55) 1,1,2-Trichloroethane	10.618	97	23584	19.681	ug/l	# 18
56) Ethyl methacrylate	10.520	69	13134	8.529	ug/l	# 44
59) 2-Hexanone	10.800	43	16567	22.156	ug/l	# 32
60) Dibromochloromethane	10.715	129	17399	11.857	ug/l	# 11
64) Tetrachloroethene	10.721	164	19189	14.265	ug/l	95
67) Ethyl Benzene	11.593	91	1400497	197.385	ug/l	97
68) m/p-Xylenes	11.697	106	2968670	1081.169	ug/l	93
69) o-Xylene	12.026	106	1561922	594.182	ug/l	96
70) Styrene	12.044	104	340881	77.794	ug/l	# 36
73) Isopropylbenzene	12.331	105	165961	30.606	ug/l	99
74) N-amyl acetate	12.123	43	15633	11.824	ug/l	# 55
75) 1,1,2,2-Tetrachloroethane	12.642	83	10194	9.197	ug/l	# 49
76) 1,2,3-Trichloropropane	12.666	75	2068	2.629	ug/l	# 100
78) n-propylbenzene	12.672	91	317771	48.400	ug/l	99
79) 2-Chlorotoluene	12.733	91	138433	37.648	ug/l	# 42
80) 1,3,5-Trimethylbenzene	12.812	105	1246834	276.952	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.331	75	2062	5.696	ug/l	# 62
82) 4-Chlorotoluene	12.812	91	134517	35.275	ug/l	# 41
83) tert-Butylbenzene	13.074	119	22296	5.572	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

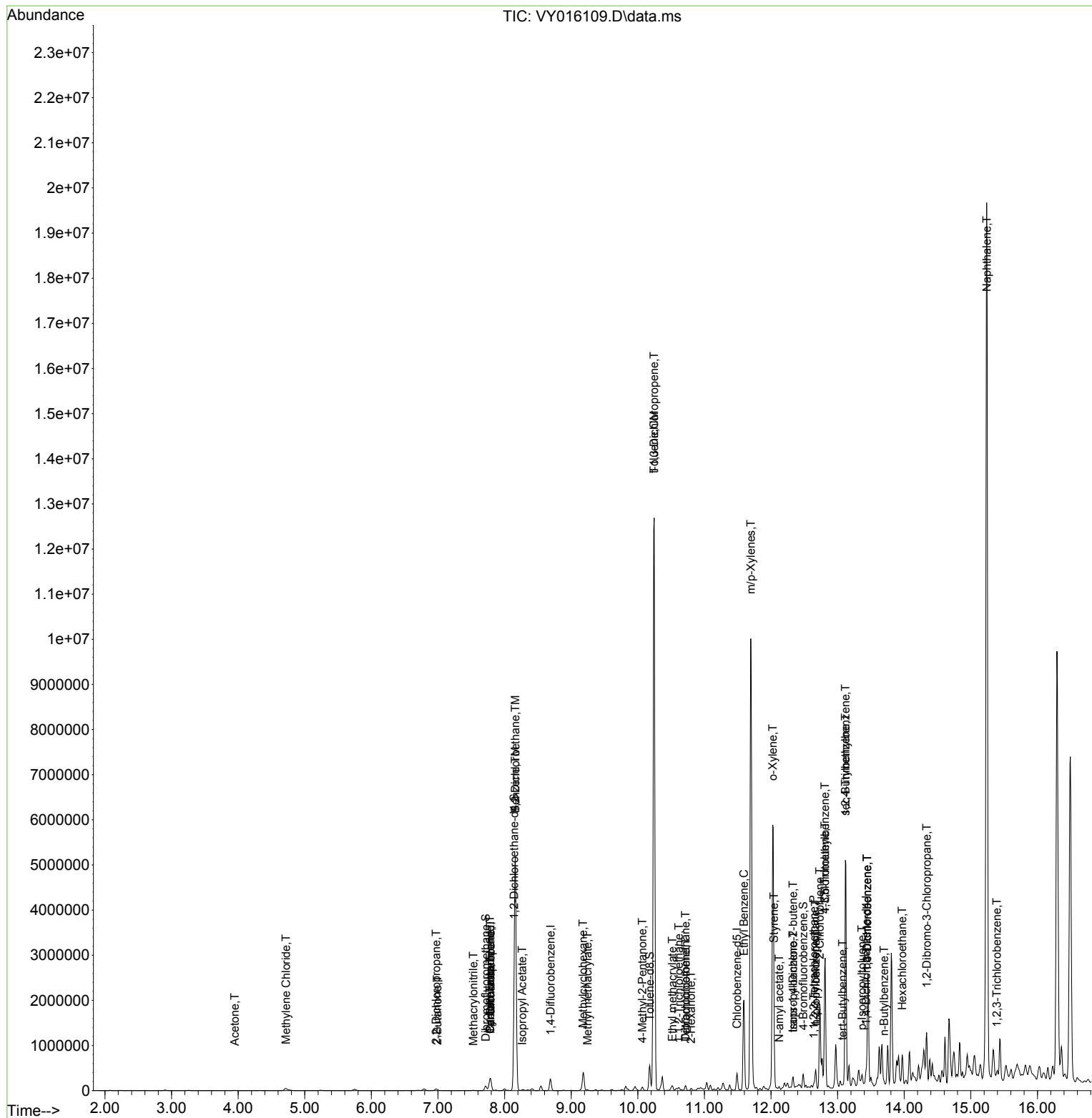
84) 1,2,4-Trimethylbenzene	13.117	105	2700517	607.364	ug/l	98
85) sec-Butylbenzene	13.117	105	2700517	453.091	ug/l #	56
86) p-Isopropyltoluene	13.367	119	100084	20.124	ug/l	96
87) 1,3-Dichlorobenzene	13.446	146	3523	1.379	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	3523	1.395	ug/l #	1
89) n-Butylbenzene	13.696	91	50568	10.900	ug/l #	53
90) Hexachloroethane	13.971	117	32000	33.049	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.336	75	3809	21.889	ug/l #	3
95) Naphthalene	15.239	128	14978597	5487.102	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.391	180	1257	1.041	ug/l #	1

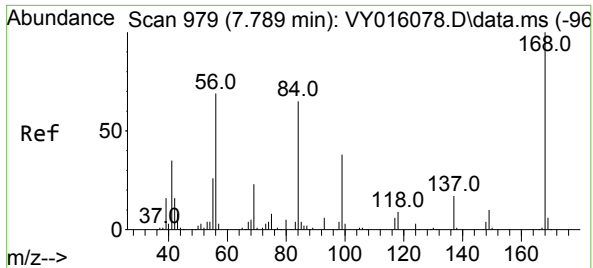
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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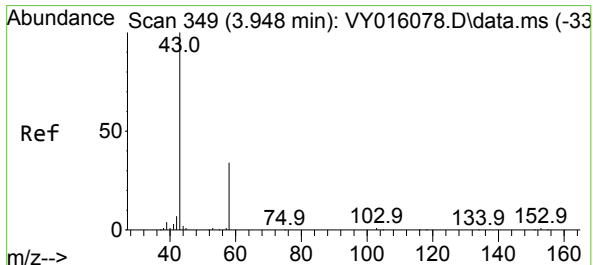
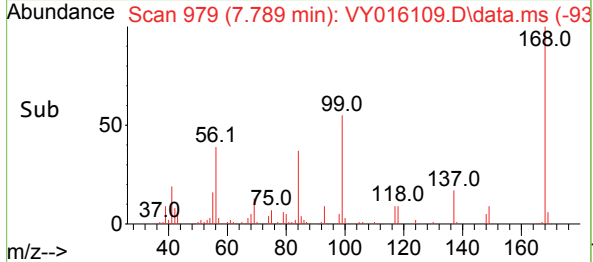
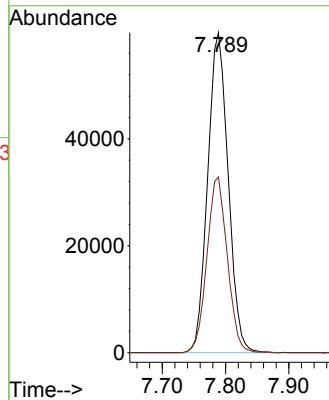
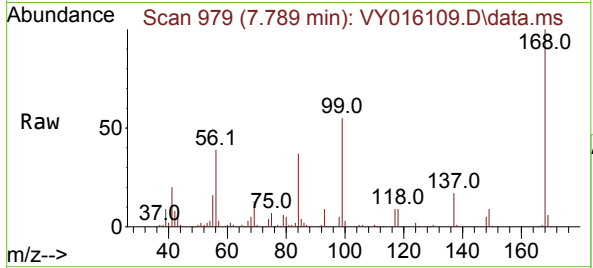




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016109.D
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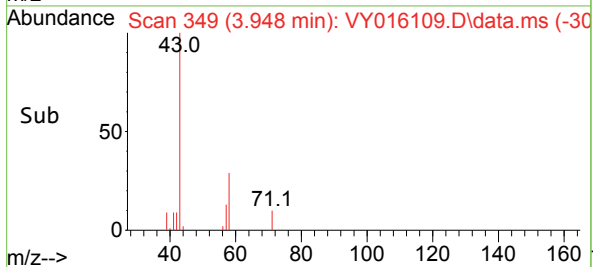
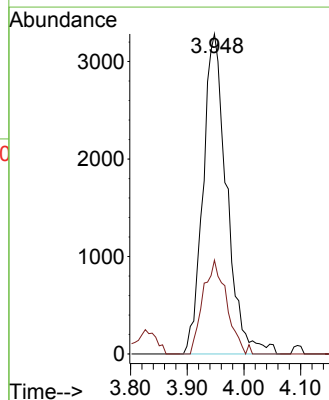
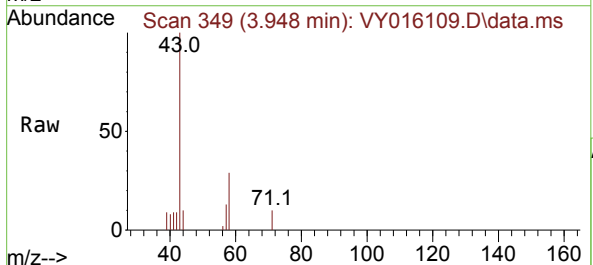
Instrument :
MSVOA_Y
ClientSampleId :

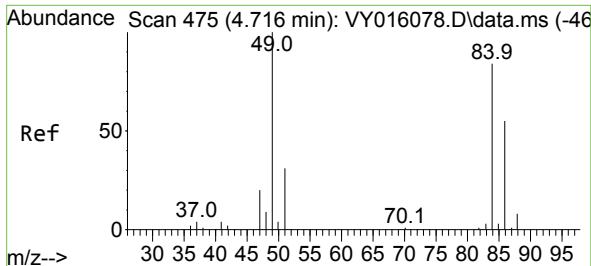
Tgt Ion:168 Resp: 134801
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 26.253 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion: 43 Resp: 9538
Ion Ratio Lower Upper
43 100
58 29.3 22.7 34.1





#20

Methylene Chloride

Concen: 21.862 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

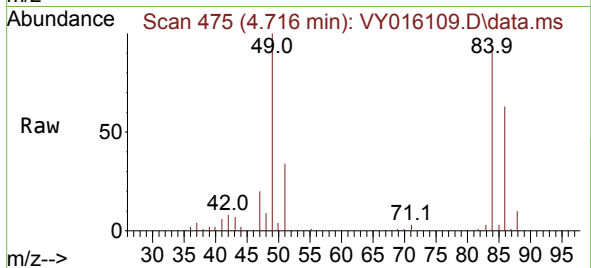
Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 35567

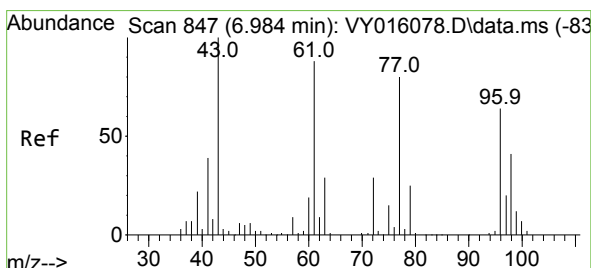
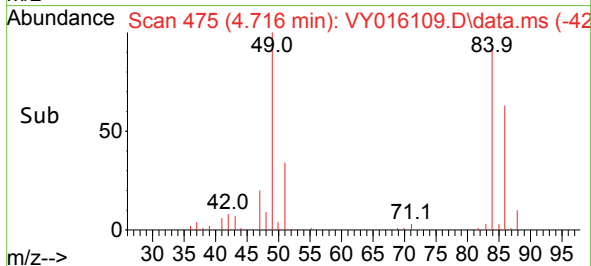
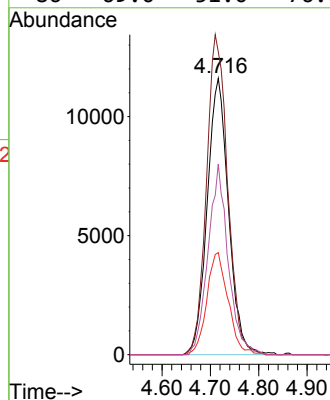
Ion Ratio Lower Upper

84 100

49 109.6 106.9 160.3

51 36.9 33.2 49.8

86 69.0 51.0 76.6



#25

2-Butanone

Concen: 11.451 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016109.D

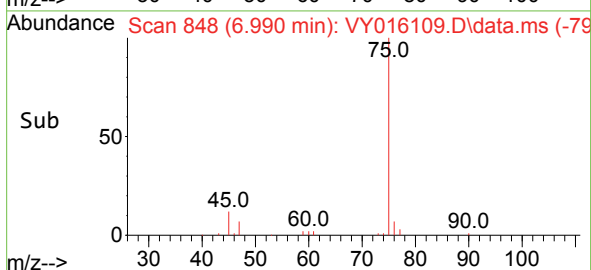
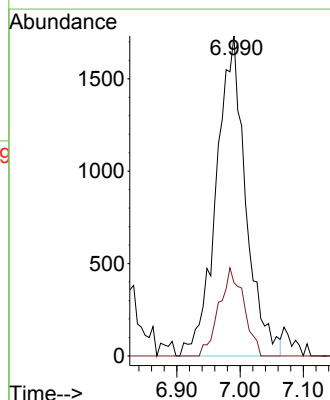
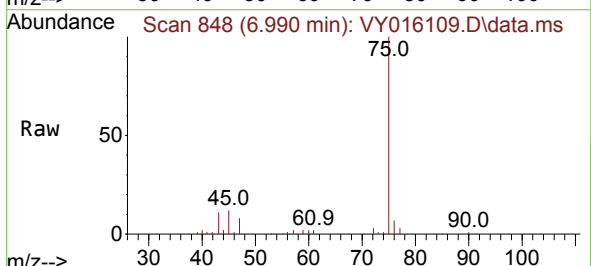
Acq: 27 Oct 2023 17:20

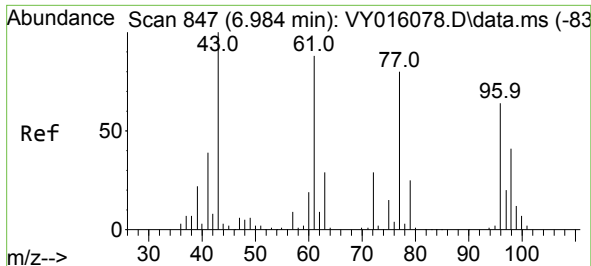
Tgt Ion: 43 Resp: 5615

Ion Ratio Lower Upper

43 100

72 22.9 20.5 30.7





#26

2,2-Dichloropropane

Concen: 1.172 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

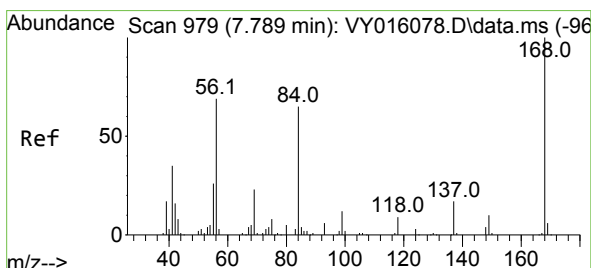
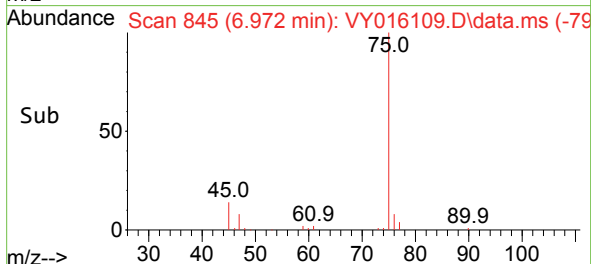
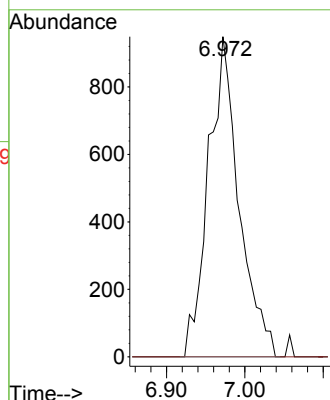
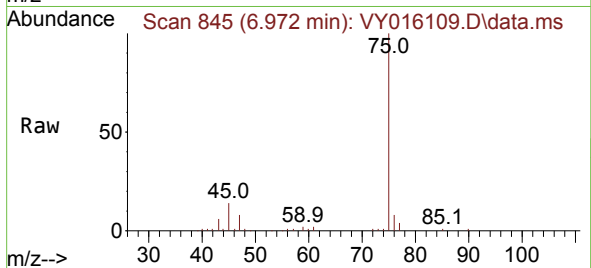
ClientSampleId :

Tgt Ion: 77 Resp: 2584

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 30.607 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

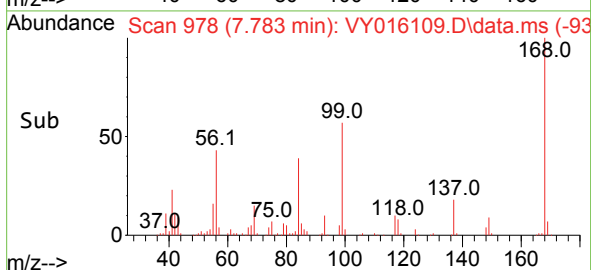
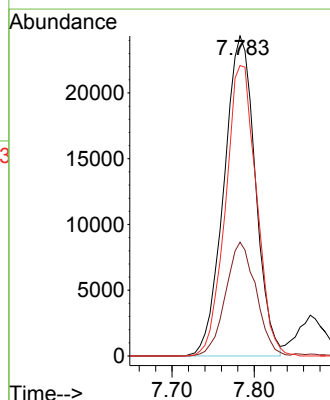
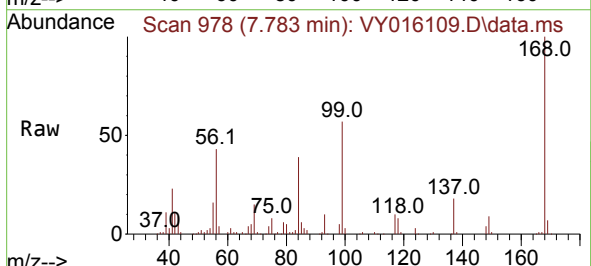
Tgt Ion: 56 Resp: 64542

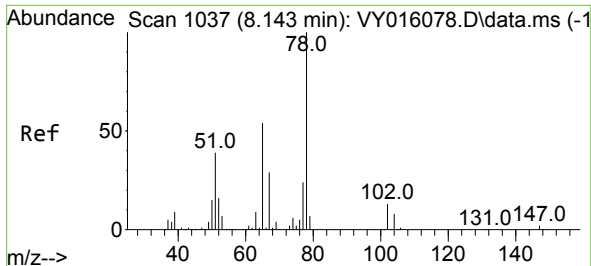
Ion Ratio Lower Upper

56 100

69 35.6 27.8 41.6

84 90.7 66.4 99.6

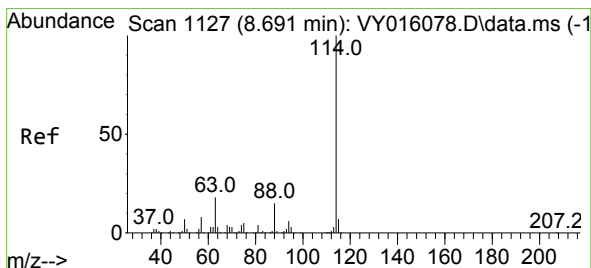
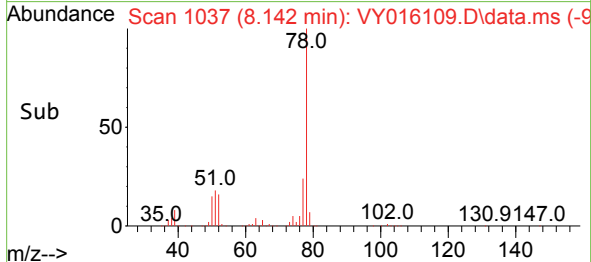
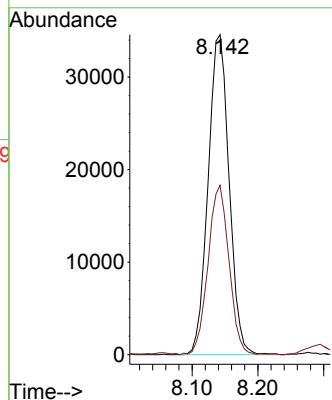
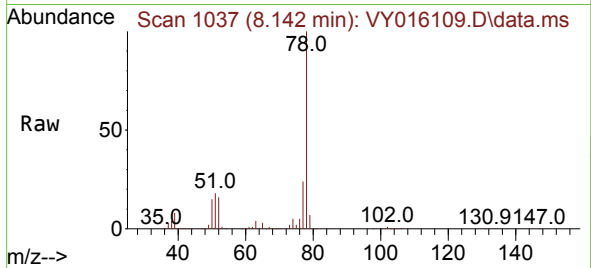




#33
 1,2-Dichloroethane-d4
 Concen: 57.273 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016109.D
 Acq: 27 Oct 2023 17:20

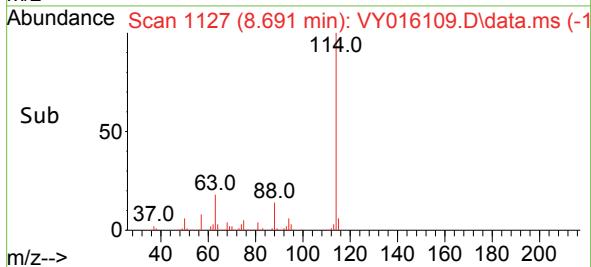
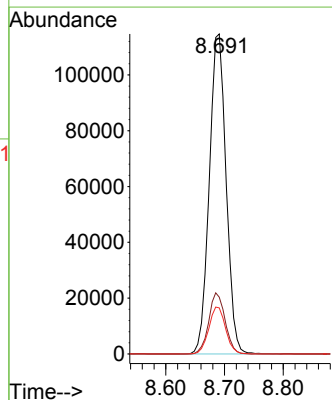
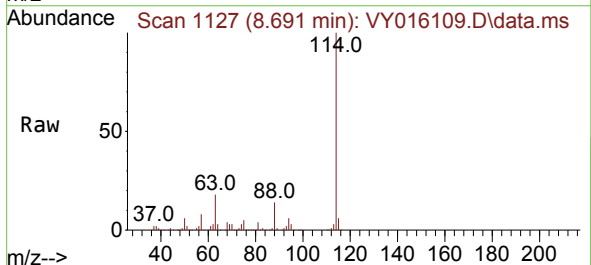
Instrument :
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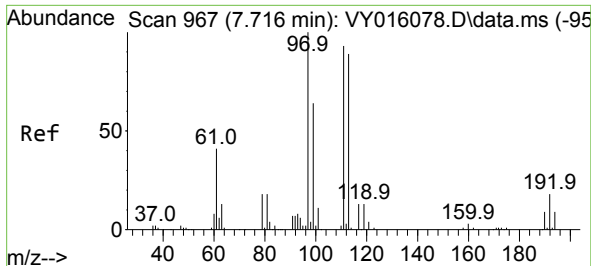
Tgt Ion: 65 Resp: 76769
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016109.D
 Acq: 27 Oct 2023 17:20

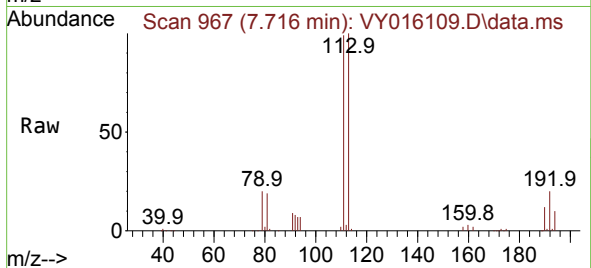
Tgt Ion: 114 Resp: 228108
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 42.4
 88 14.4 0.0 30.6



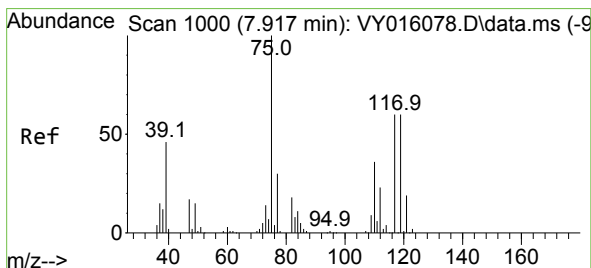
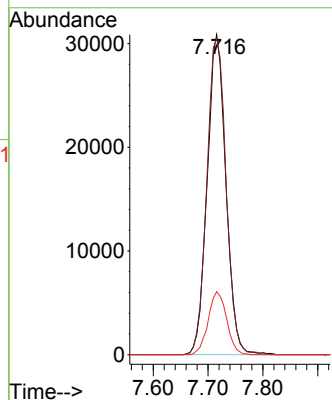
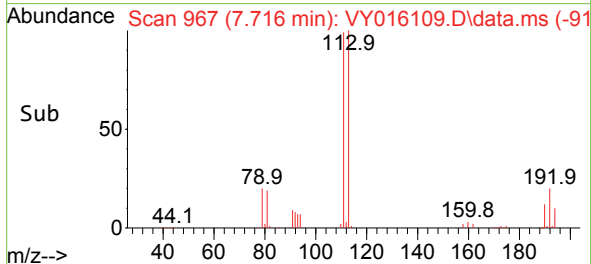


#35
Dibromofluoromethane
Concen: 50.661 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016109.D
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Instrument :
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ClientSampleId :

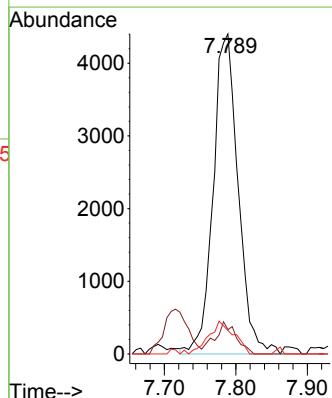
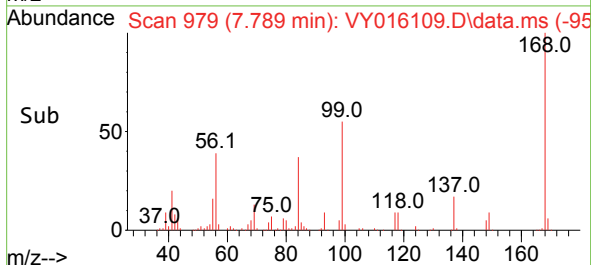
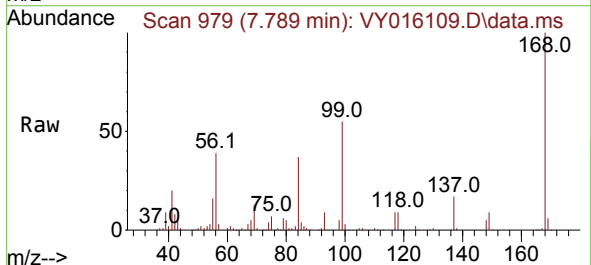


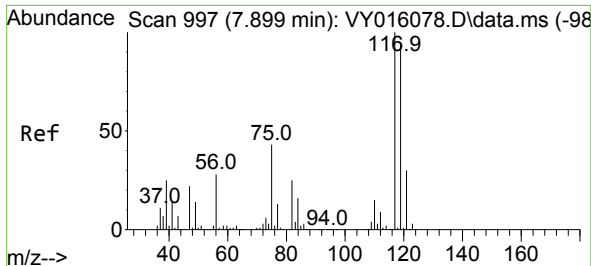
Tgt Ion:113 Resp: 72954
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

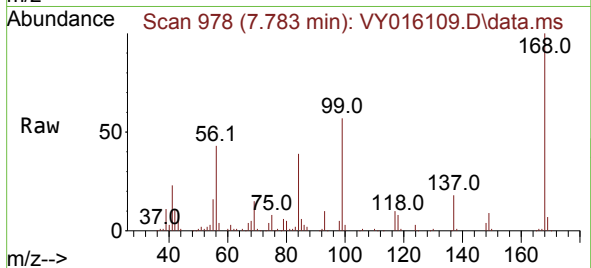
Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#



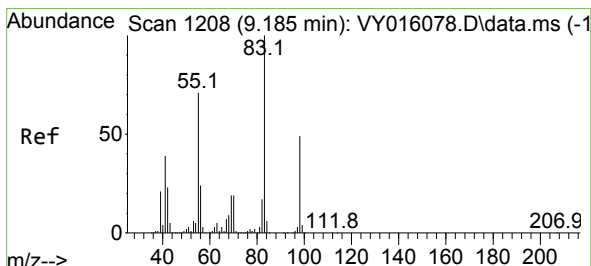
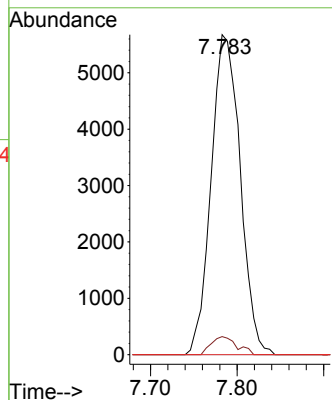
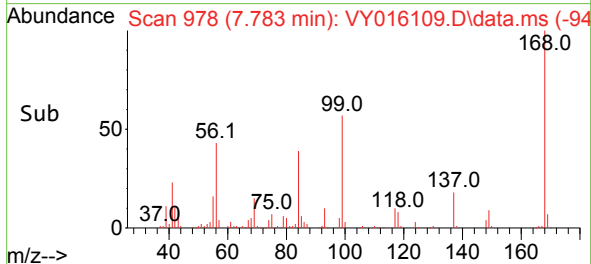


#38
Carbon Tetrachloride
Concen: 6.240 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

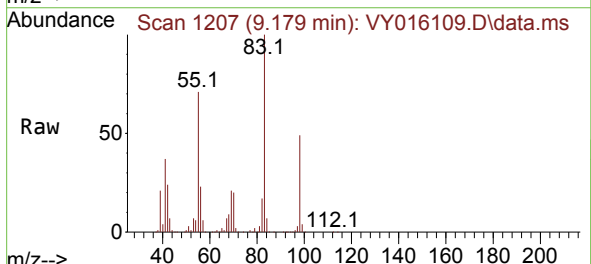
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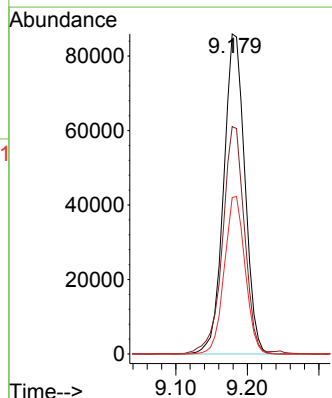
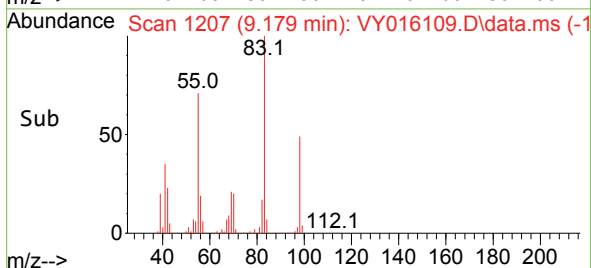
Tgt Ion:117 Resp: 13245
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#

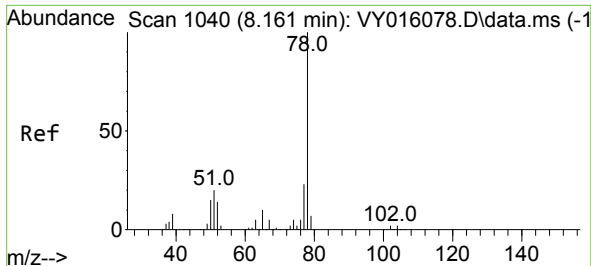


#39
Methylcyclohexane
Concen: 72.258 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20



Tgt Ion: 83 Resp: 176700
Ion Ratio Lower Upper
83 100
55 70.9 63.0 94.4
98 48.9 37.4 56.2

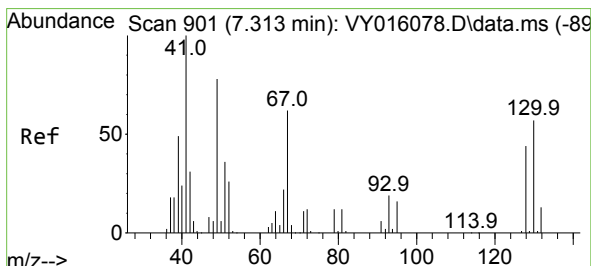
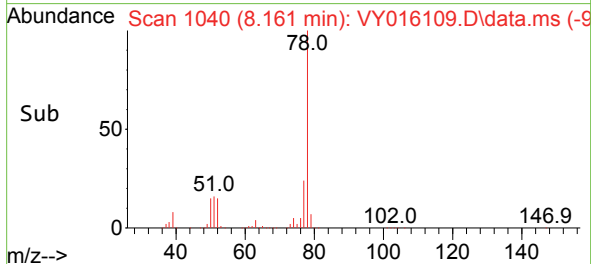
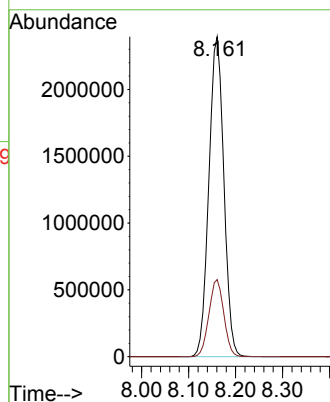
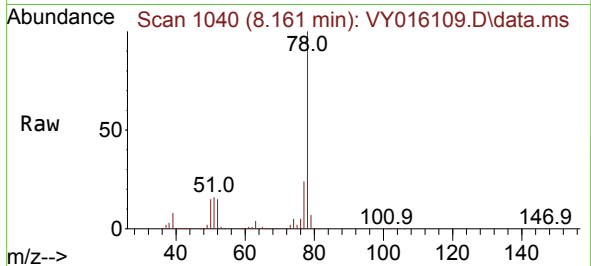




#40
Benzene
Concen: 929.357 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

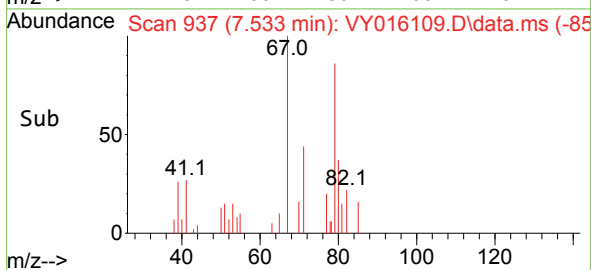
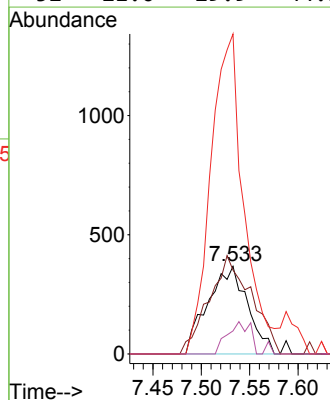
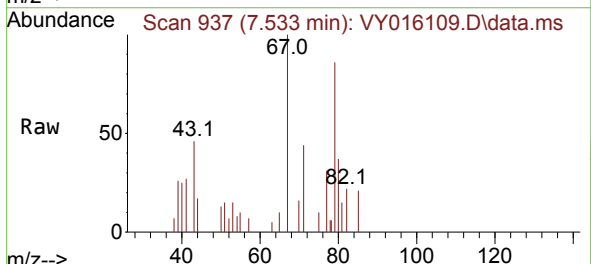
Instrument :
MSVOA_Y
ClientSampleId :

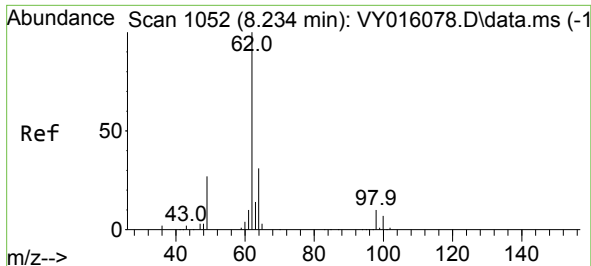
Tgt Ion: 78 Resp: 5281646
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#41
Methacrylonitrile
Concen: 1.952 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.219 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion: 41 Resp: 1051
Ion Ratio Lower Upper
41 100
39 119.7 52.1 78.1#
67 301.1 66.2 99.2#
52 21.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 26.760 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.073 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

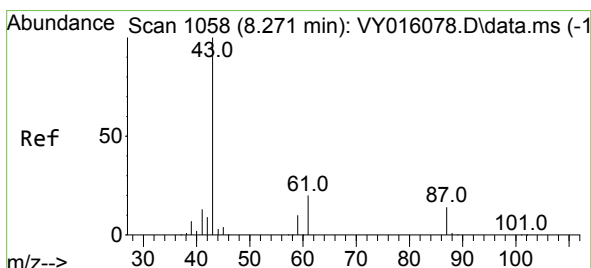
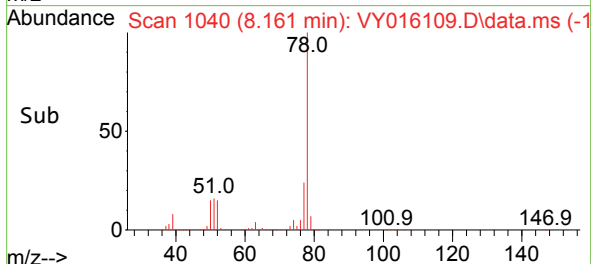
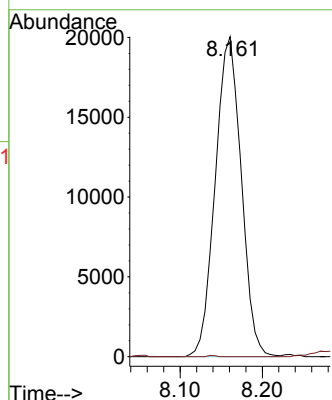
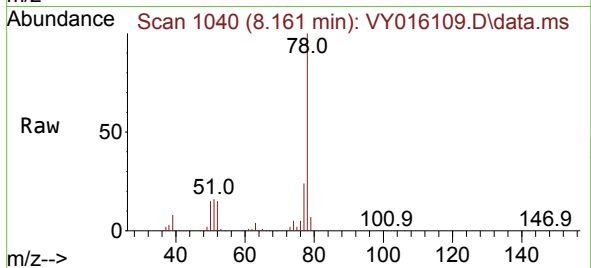
ClientSampleId :

Tgt Ion: 62 Resp: 43944

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 1.552 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

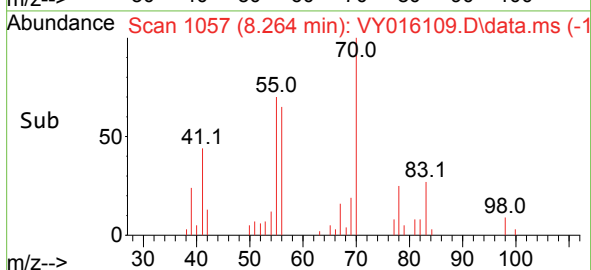
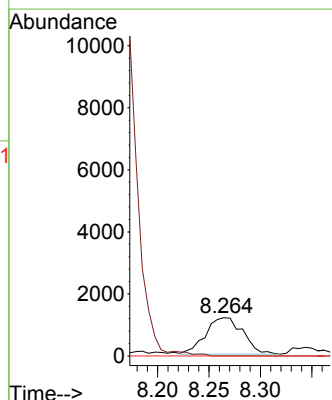
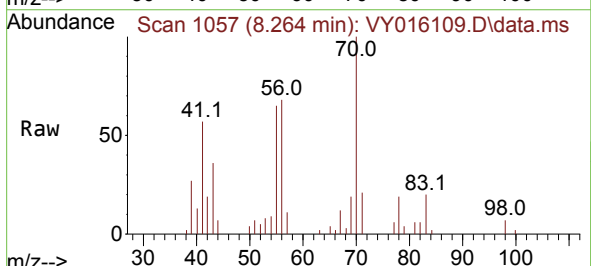
Tgt Ion: 43 Resp: 2986

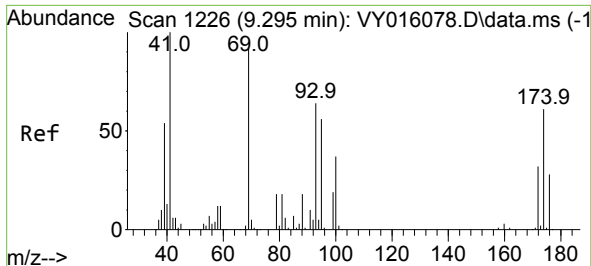
Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

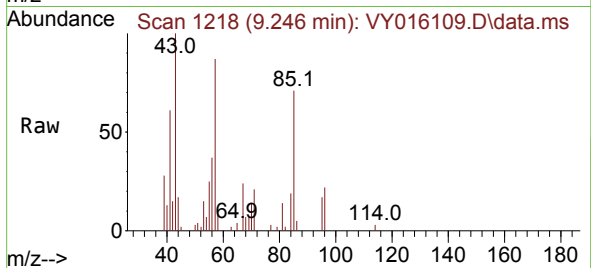
87 0.0 9.8 14.8#



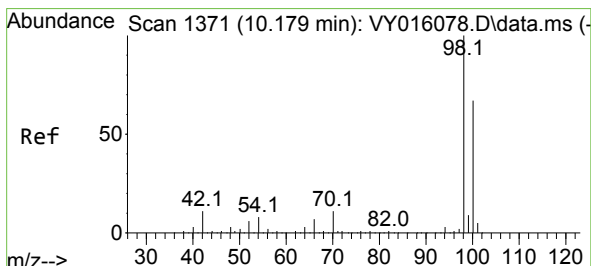
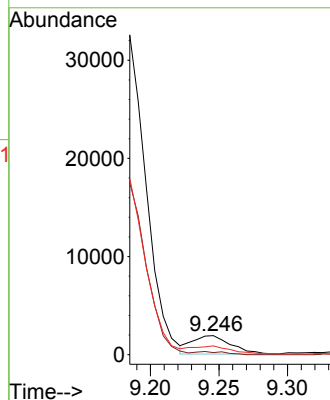
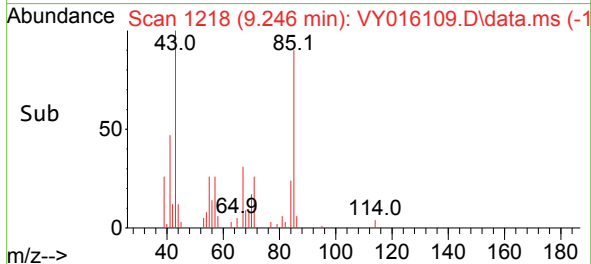


#48
Methyl methacrylate
Concen: 4.211 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Instrument :
MSVOA_Y
ClientSampleId :

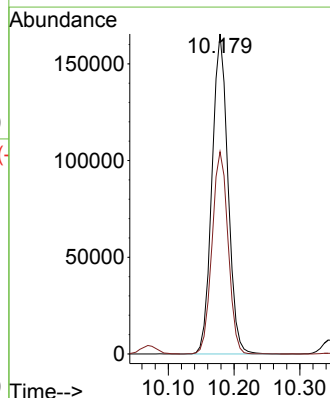
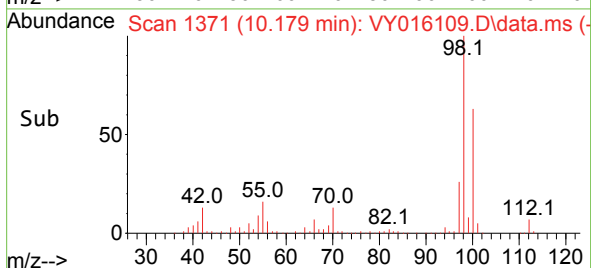
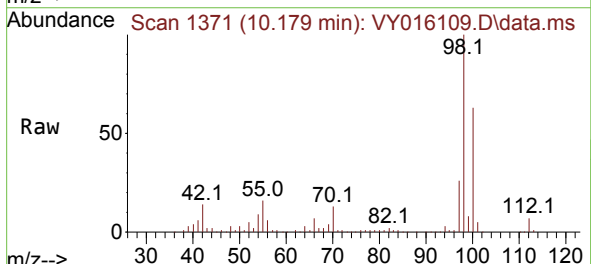


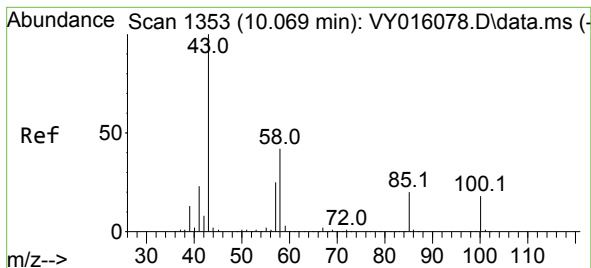
Tgt Ion: 41 Resp: 3732
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 0.0 50.8 76.2#



#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion: 98 Resp: 278970
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

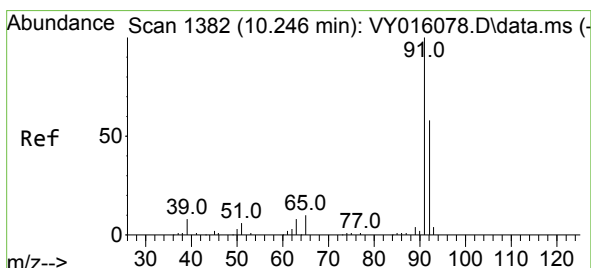
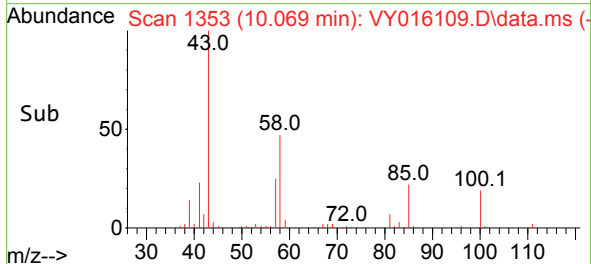
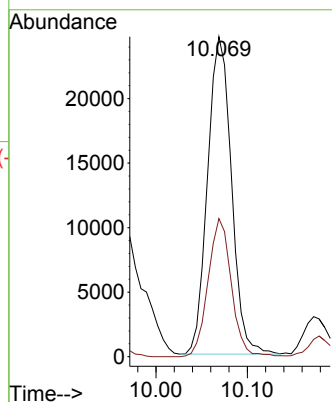
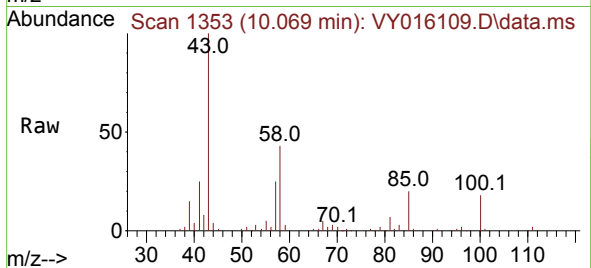




#51
4-Methyl-2-Pentanone
Concen: 43.938 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

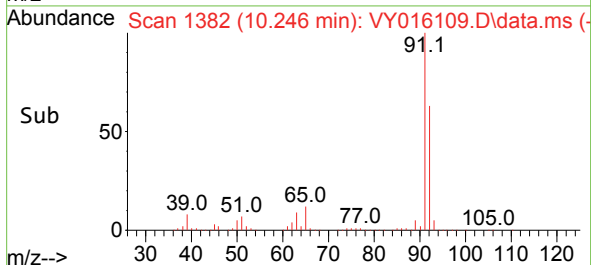
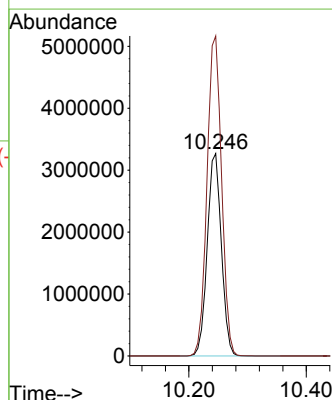
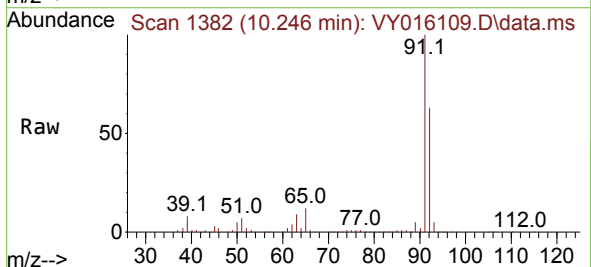
Instrument :
MSVOA_Y
ClientSampleId :

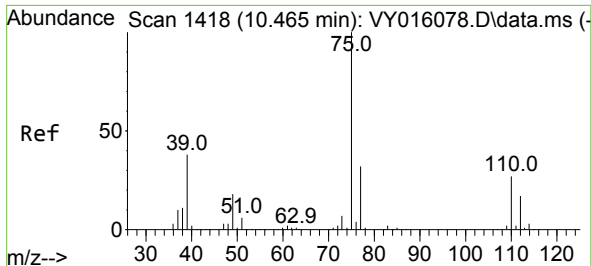
Tgt Ion: 43 Resp: 44600
Ion Ratio Lower Upper
43 100
58 42.4 29.0 43.6



#52
Toluene
Concen: 1492.556 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion: 92 Resp: 5446903
Ion Ratio Lower Upper
92 100
91 163.1 143.8 215.6

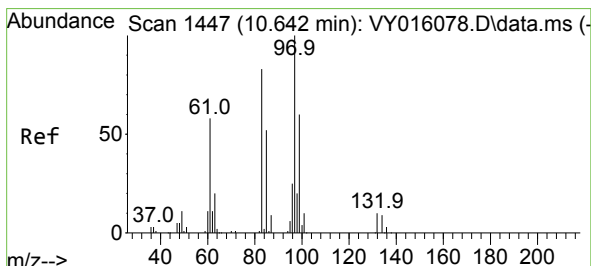
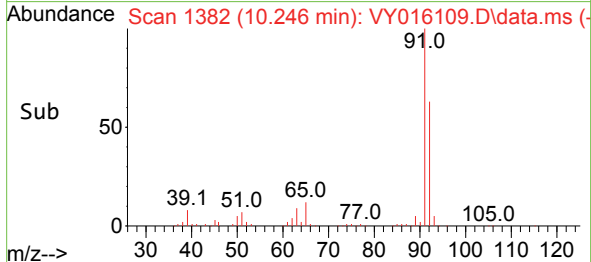
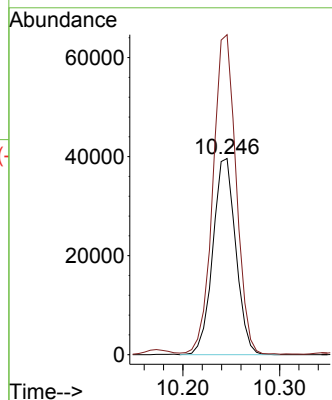
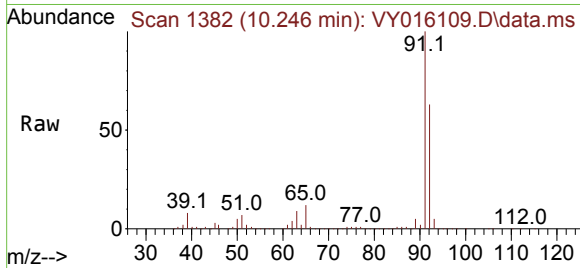




#53
 t-1,3-Dichloropropene
 Concen: 31.289 ug/l
 RT: 10.246 min Scan# 11
 Delta R.T. -0.220 min
 Lab File: VY016109.D
 Acq: 27 Oct 2023 17:20

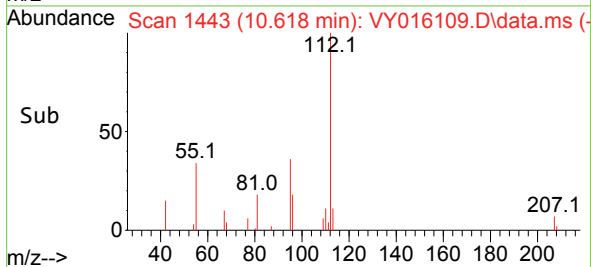
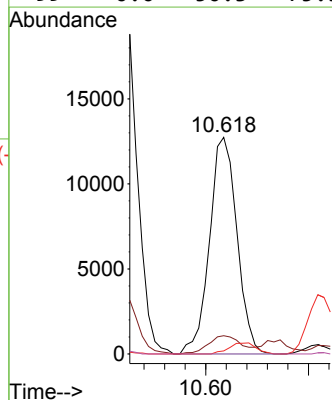
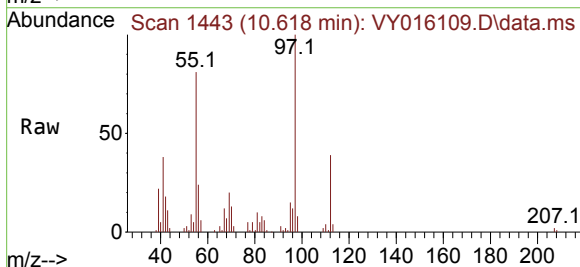
Instrument :
 MSVOA_Y
 ClientSampleId :

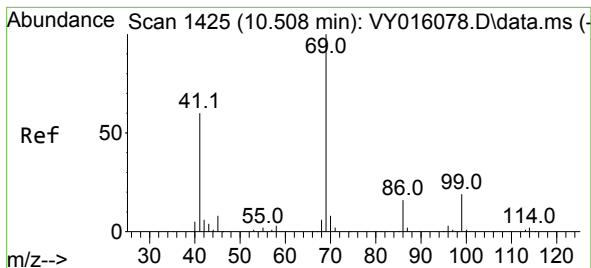
Tgt Ion: 75 Resp: 65260
 Ion Ratio Lower Upper
 75 100
 77 162.9 25.0 37.4#



#55
 1,1,2-Trichloroethane
 Concen: 19.681 ug/l
 RT: 10.618 min Scan# 1443
 Delta R.T. -0.025 min
 Lab File: VY016109.D
 Acq: 27 Oct 2023 17:20

Tgt Ion: 97 Resp: 23584
 Ion Ratio Lower Upper
 97 100
 83 8.4 72.0 108.0#
 85 1.4 45.4 68.0#
 99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 8.529 ug/l

RT: 10.520 min Scan# 1425

Delta R.T. 0.012 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

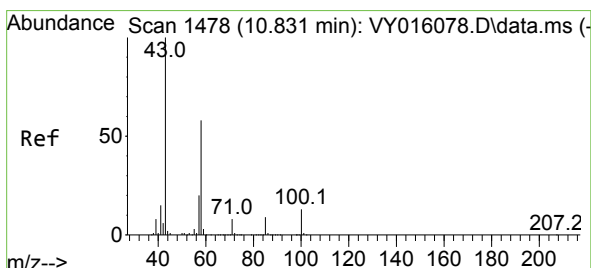
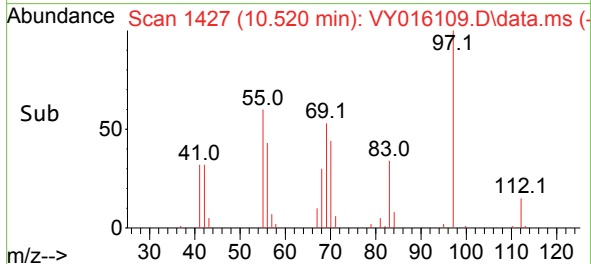
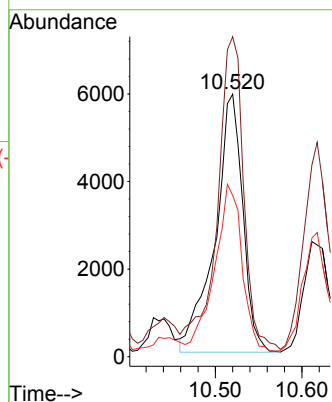
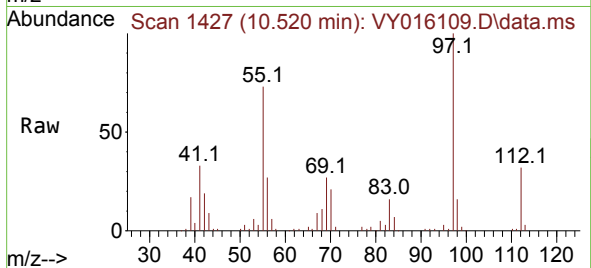
Tgt Ion: 69 Resp: 13134

Ion Ratio Lower Upper

69 100

41 113.9 57.6 86.4#

39 0.0 34.1 51.1#



#59

2-Hexanone

Concen: 22.156 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.031 min

Lab File: VY016109.D

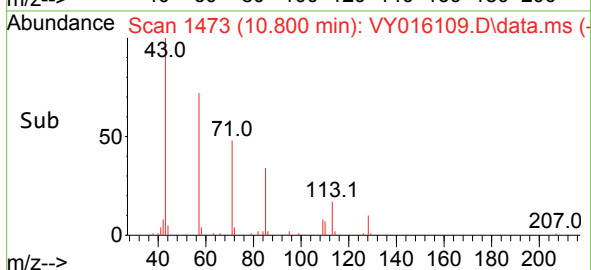
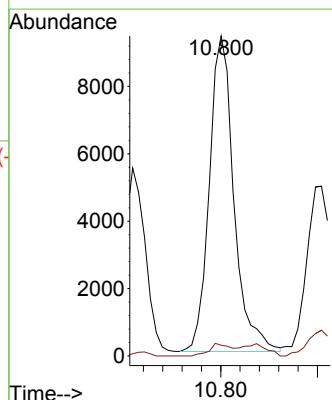
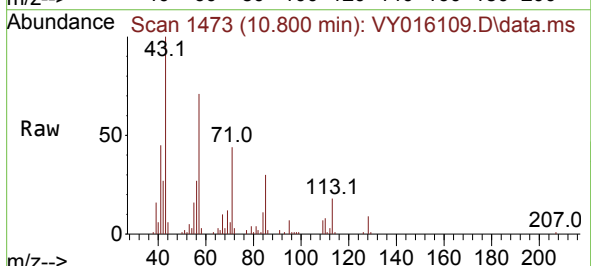
Acq: 27 Oct 2023 17:20

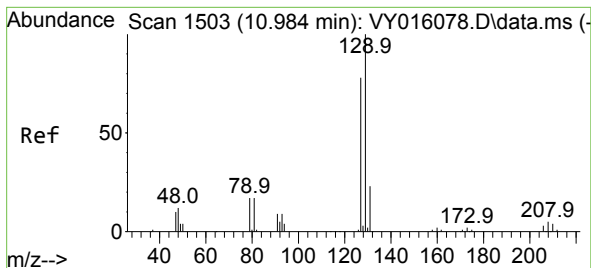
Tgt Ion: 43 Resp: 16567

Ion Ratio Lower Upper

43 100

58 3.3 25.1 75.3#





#60

Dibromochloromethane

Concen: 11.857 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.268 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

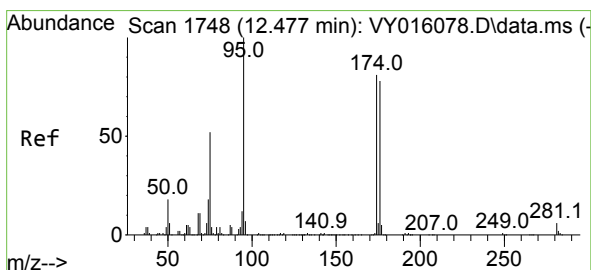
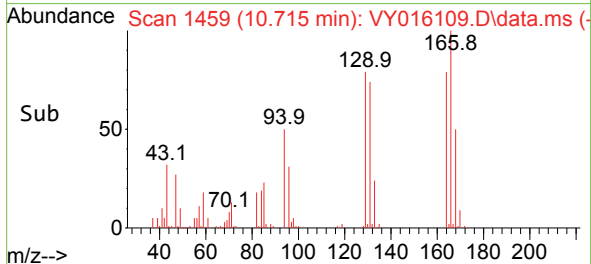
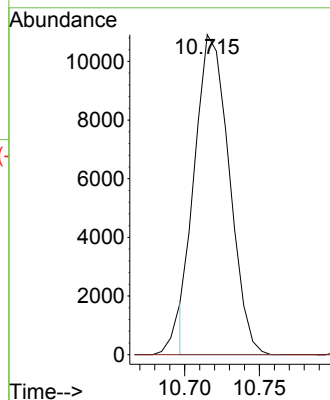
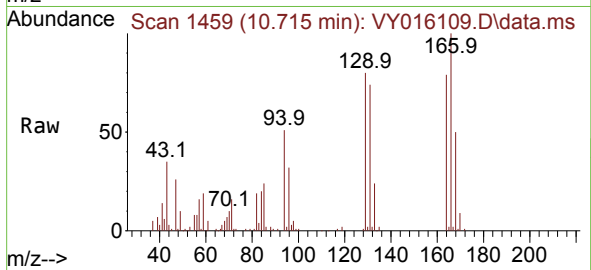
ClientSampleId :

Tgt Ion:129 Resp: 17399

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#



#62

4-Bromofluorobenzene

Concen: 47.559 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

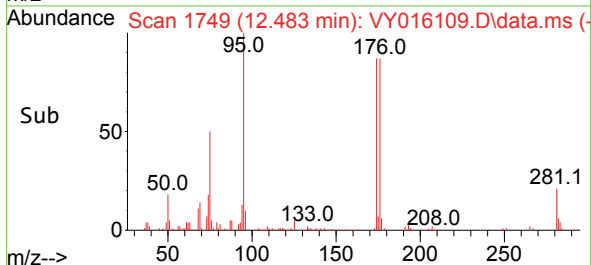
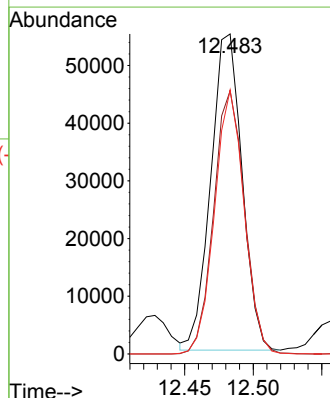
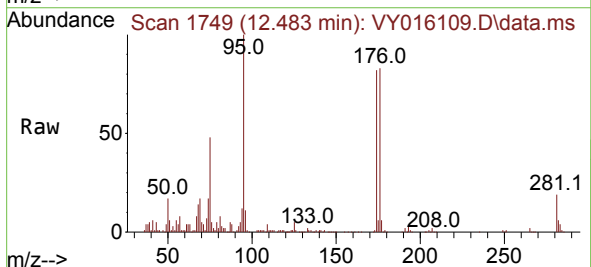
Tgt Ion: 95 Resp: 87021

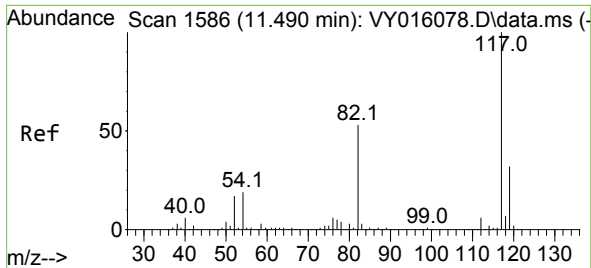
Ion Ratio Lower Upper

95 100

174 81.9 0.0 178.2

176 79.1 0.0 173.8

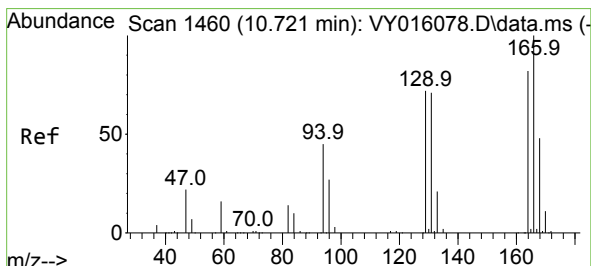
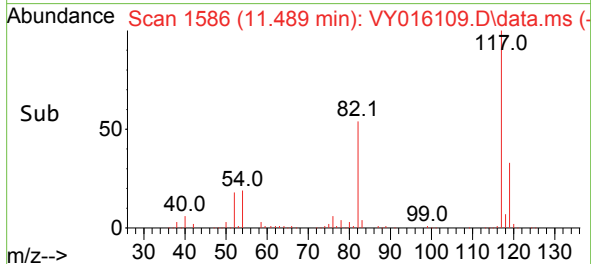
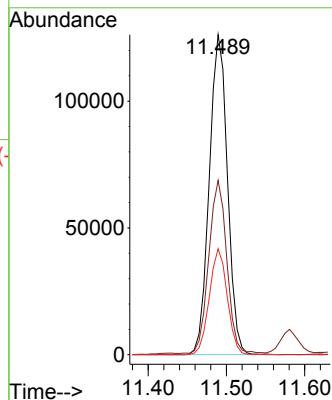
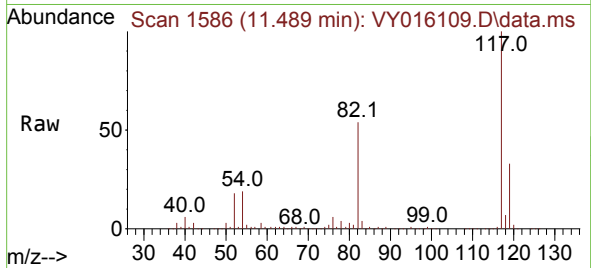




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

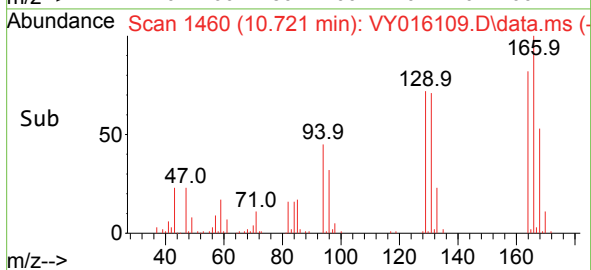
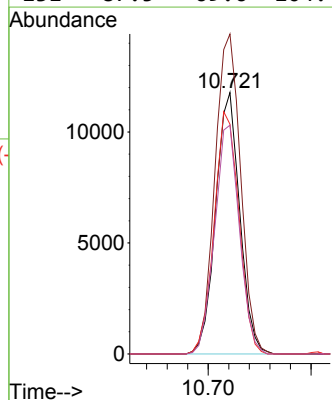
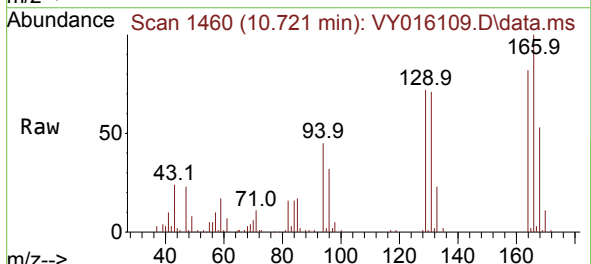
Instrument :
MSVOA_Y
ClientSampleId :

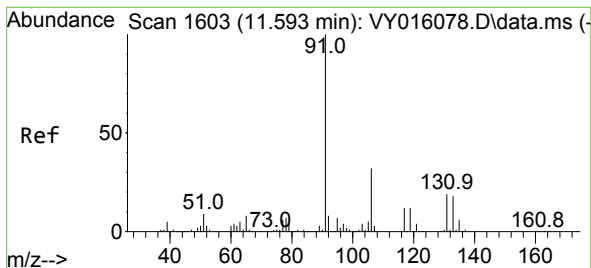
Tgt Ion:117 Resp: 203272
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 14.265 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion:164 Resp: 19189
Ion Ratio Lower Upper
164 100
166 122.4 103.0 154.6
129 87.9 77.2 115.8
131 87.5 69.6 104.4





#67

Ethyl Benzene

Concen: 197.385 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

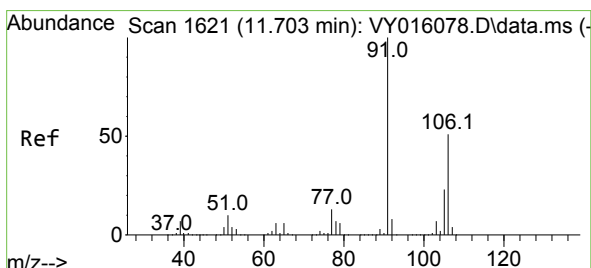
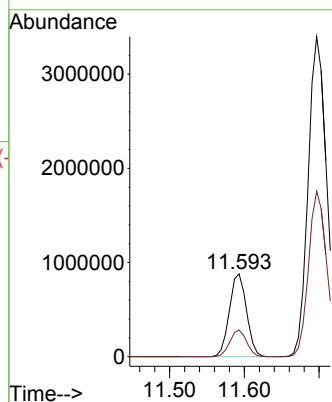
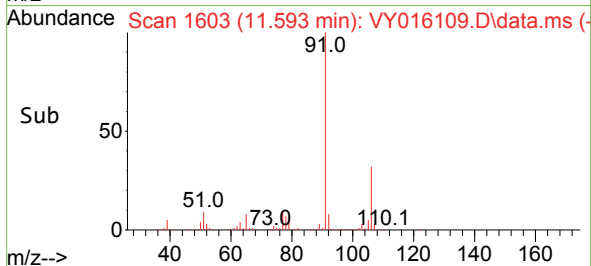
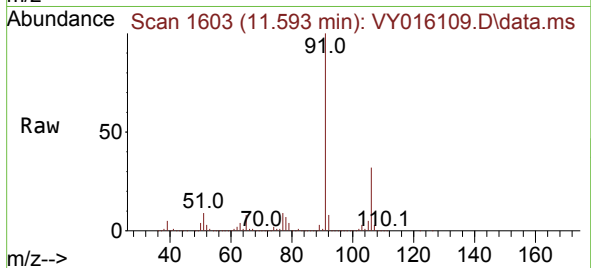
ClientSampleId :

Tgt Ion: 91 Resp: 1400497

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 1081.169 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY016109.D

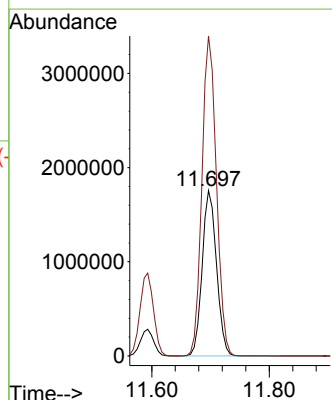
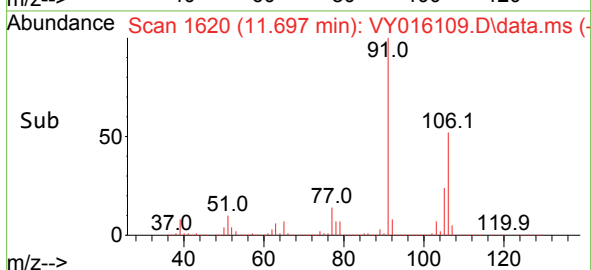
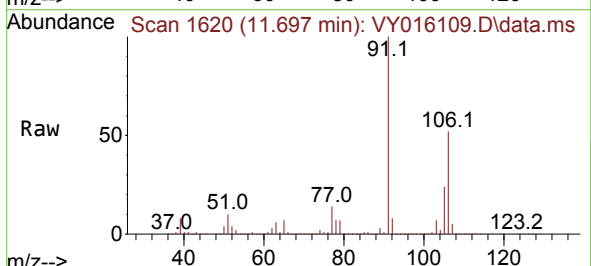
Acq: 27 Oct 2023 17:20

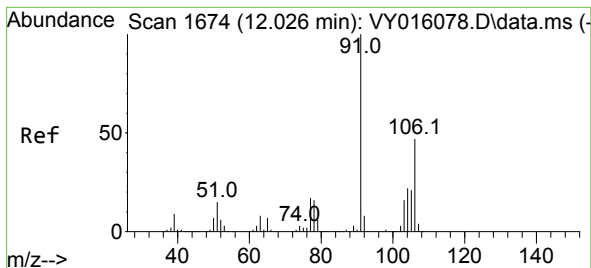
Tgt Ion:106 Resp: 2968670

Ion Ratio Lower Upper

106 100

91 196.1 166.1 249.1





#69

o-Xylene

Concen: 594.182 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

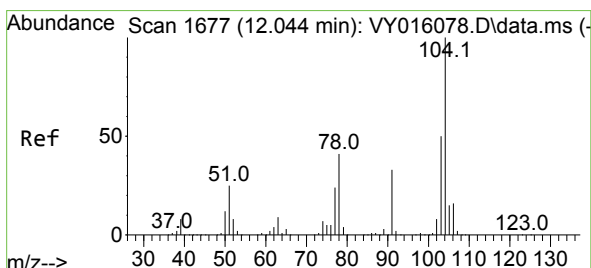
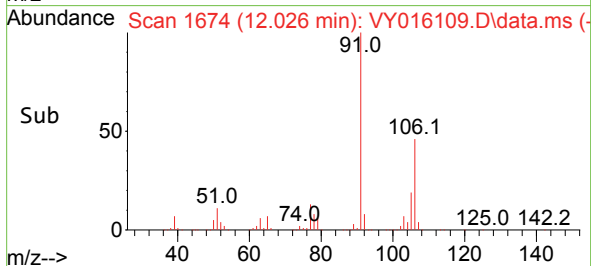
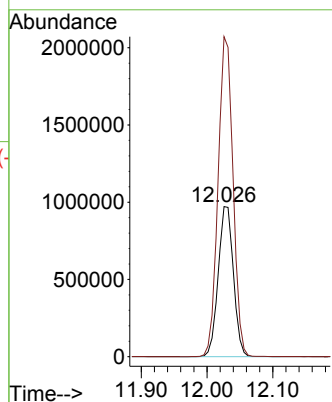
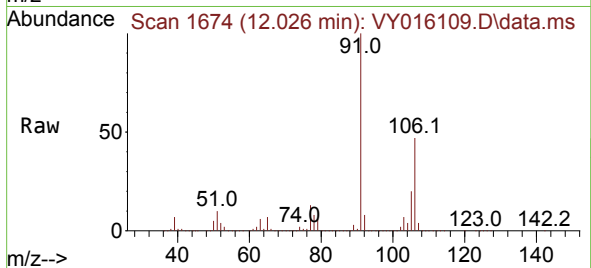
ClientSampleId :

Tgt Ion:106 Resp: 1561922

Ion Ratio Lower Upper

106 100

91 210.2 108.1 324.3



#70

Styrene

Concen: 77.794 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

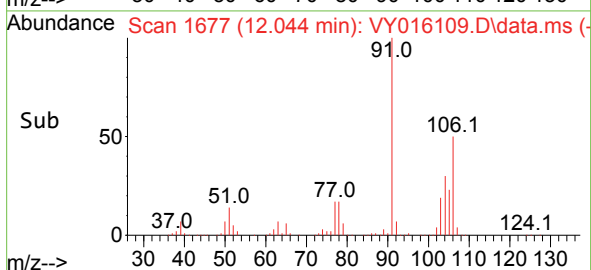
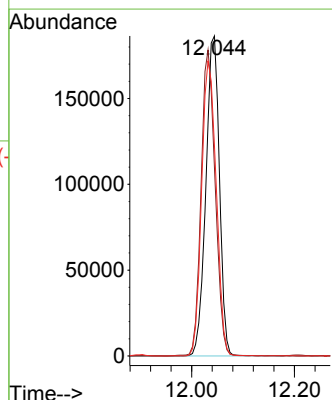
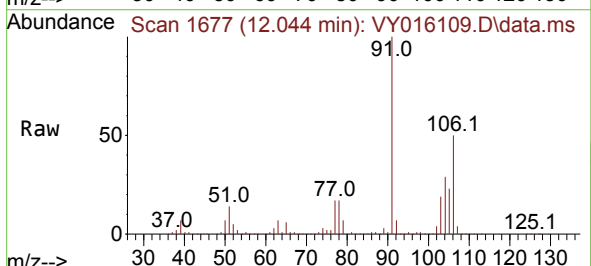
Tgt Ion:104 Resp: 340881

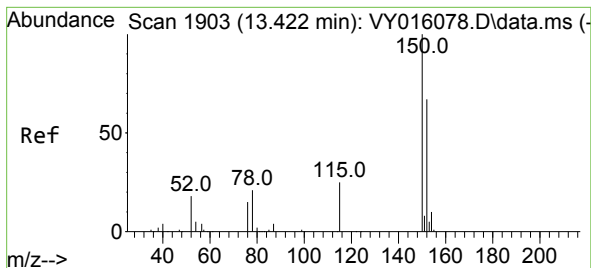
Ion Ratio Lower Upper

104 100

78 99.5 41.5 62.3#

103 99.2 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

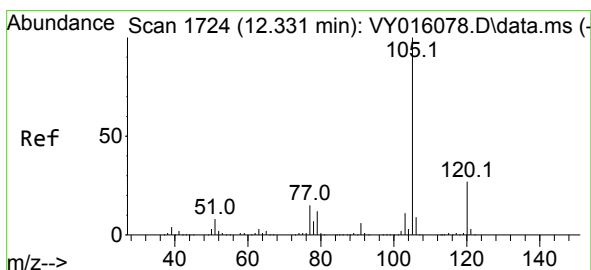
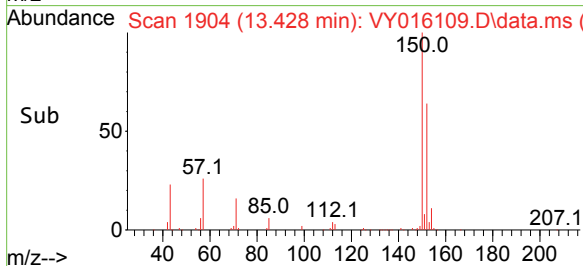
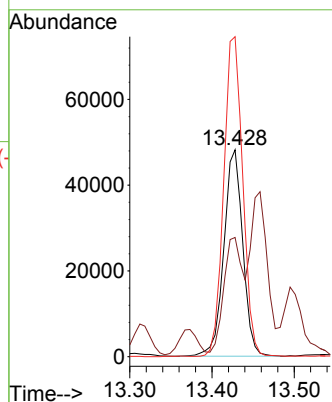
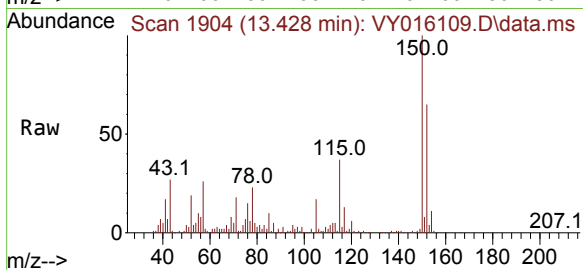
Tgt Ion:152 Resp: 77049

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 155.4 0.0 348.8



#73

Isopropylbenzene

Concen: 30.606 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY016109.D

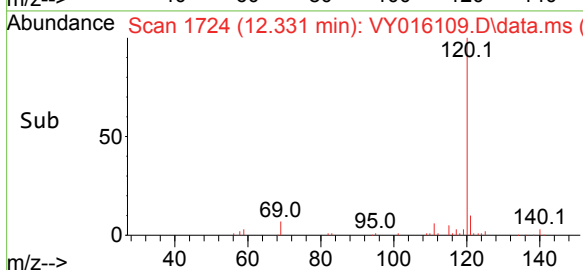
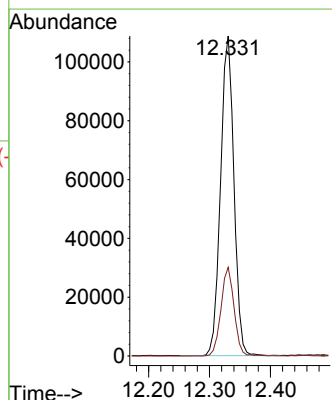
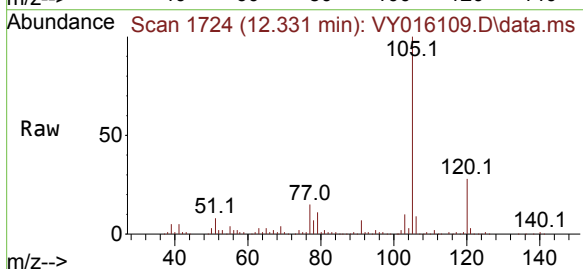
Acq: 27 Oct 2023 17:20

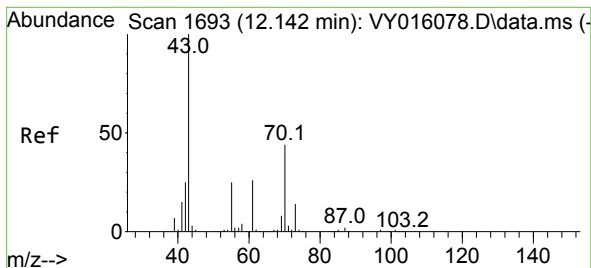
Tgt Ion:105 Resp: 165961

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9





#74

N-amy1 acetate

Concen: 11.824 ug/l

RT: 12.123 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 15633

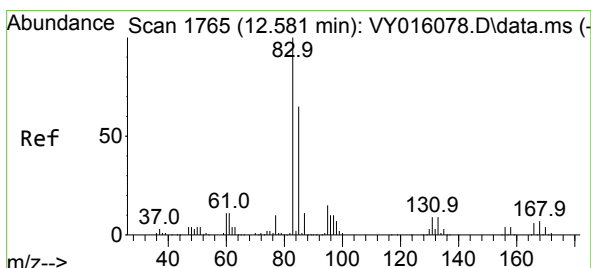
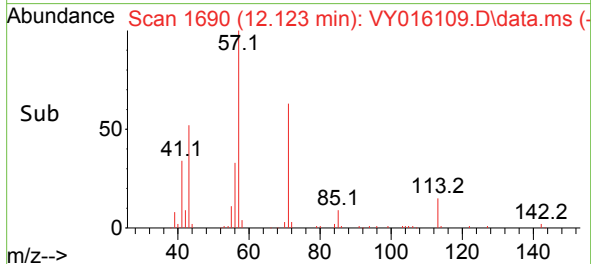
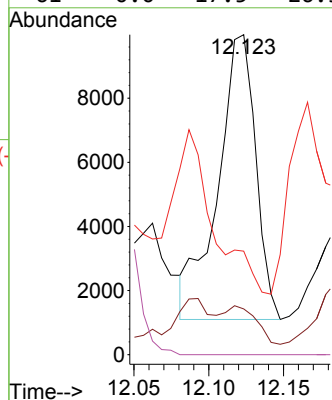
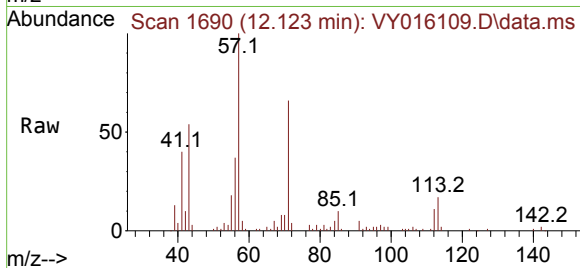
Ion Ratio Lower Upper

43 100

70 11.2 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.197 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.061 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

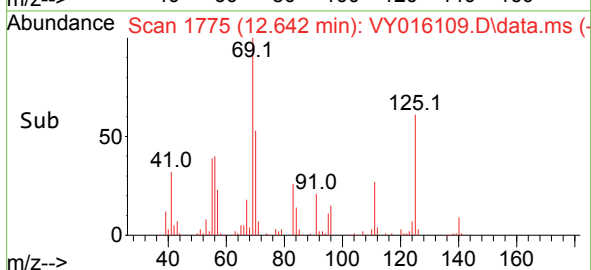
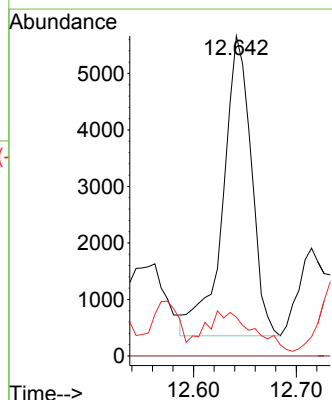
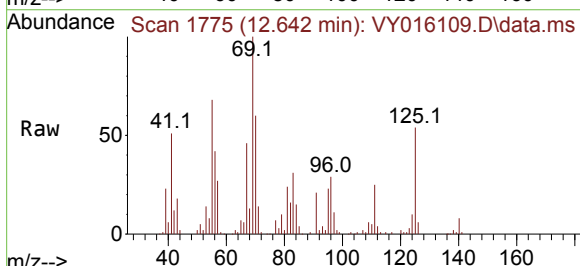
Tgt Ion: 83 Resp: 10194

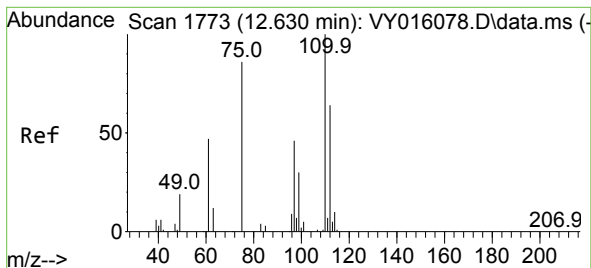
Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 20.4 31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 2.629 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.036 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

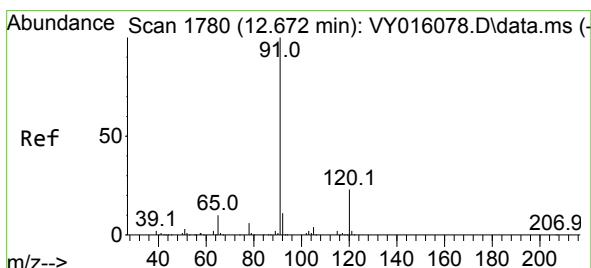
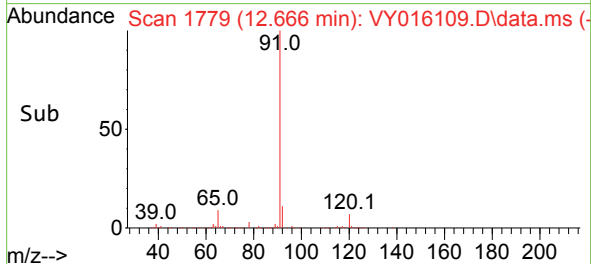
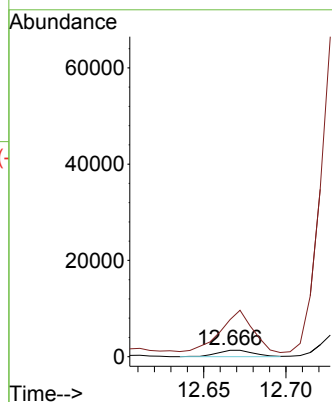
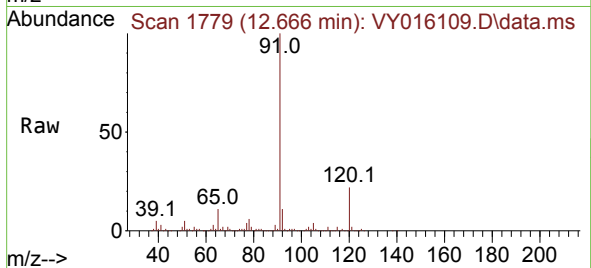
ClientSampleId :

Tgt Ion: 75 Resp: 2068

Ion Ratio Lower Upper

75 100

77 579.1 0.0 0.0#



#78

n-propylbenzene

Concen: 48.400 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016109.D

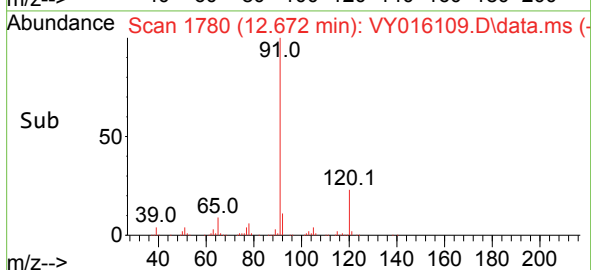
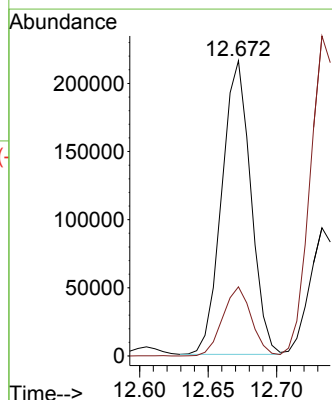
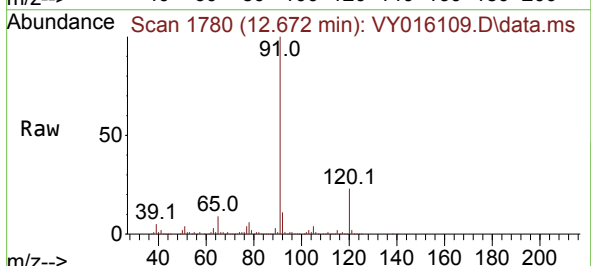
Acq: 27 Oct 2023 17:20

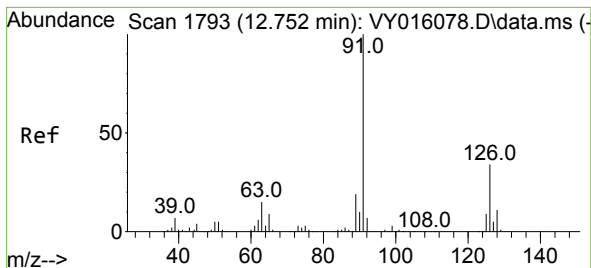
Tgt Ion: 91 Resp: 317771

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

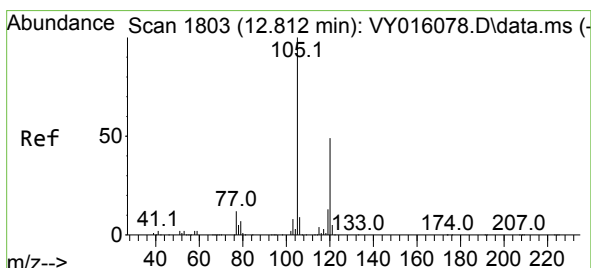
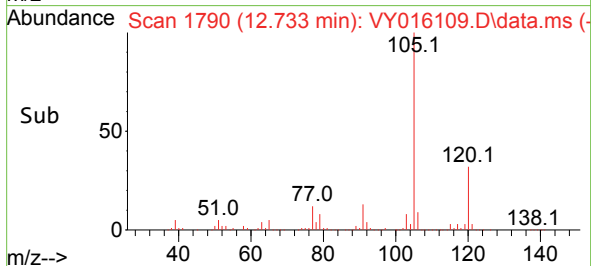
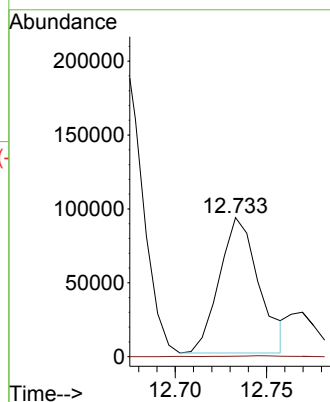
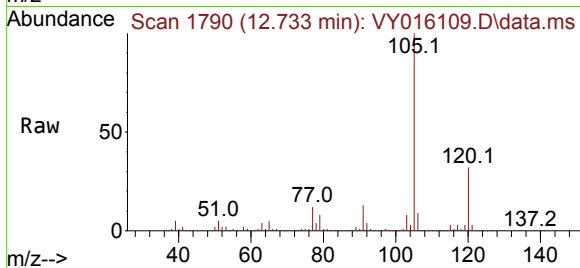




#79
2-Chlorotoluene
Concen: 37.648 ug/l
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

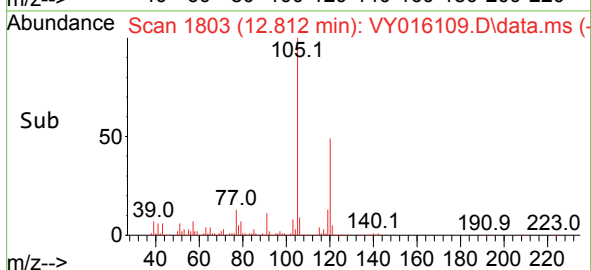
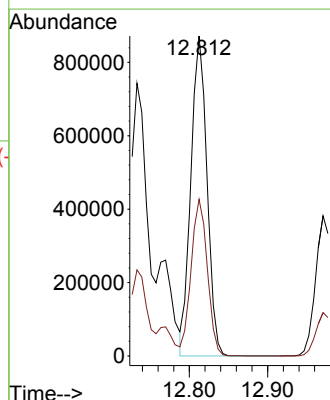
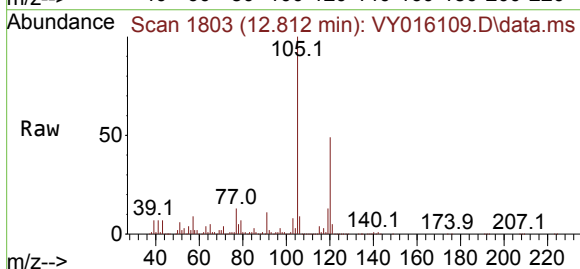
Instrument :
MSVOA_Y
ClientSampleId :

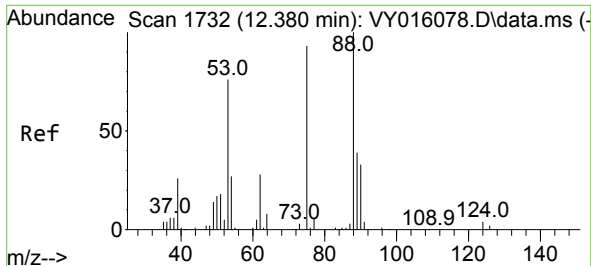
Tgt Ion: 91 Resp: 138433
Ion Ratio Lower Upper
91 100
126 1.0 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 276.952 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion:105 Resp: 1246834
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

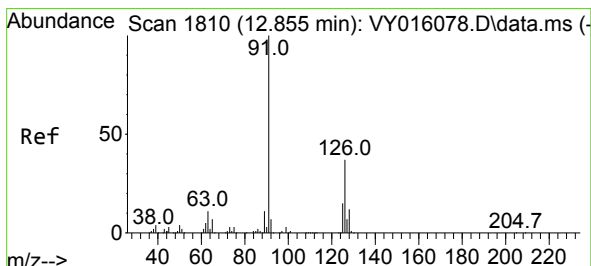
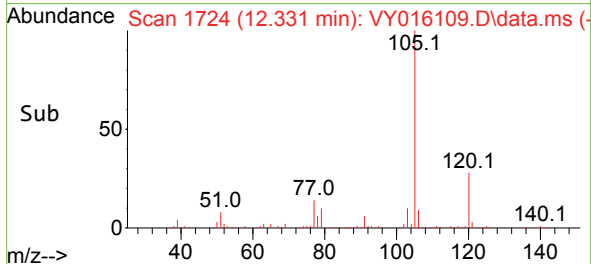
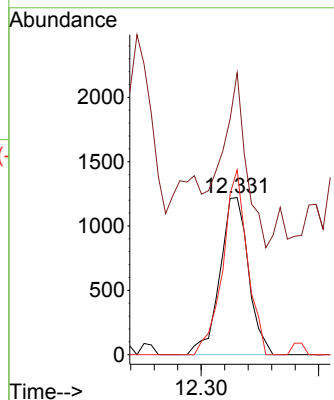
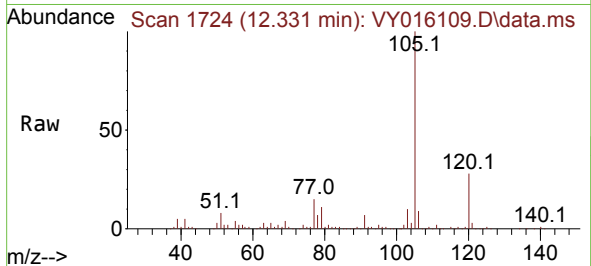




#81
trans-1,4-Dichloro-2-butene
Concen: 5.696 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

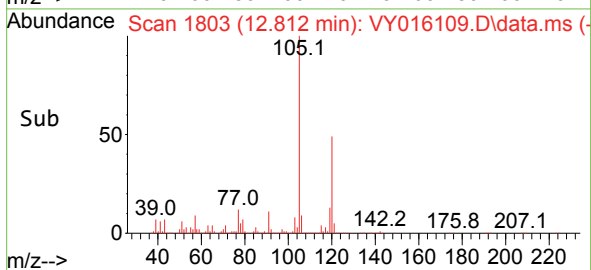
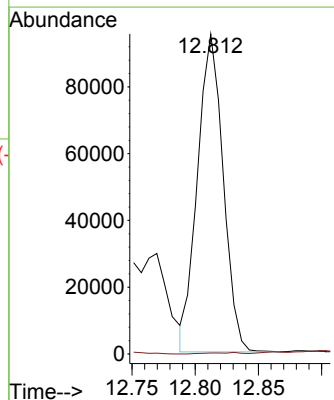
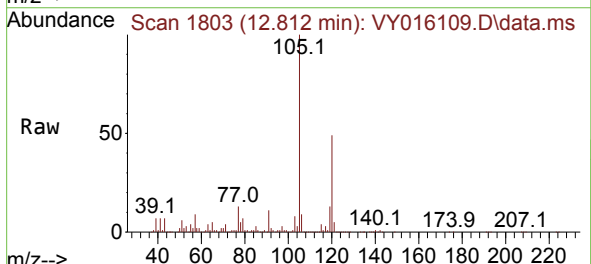
Instrument :
MSVOA_Y
ClientSampleId :

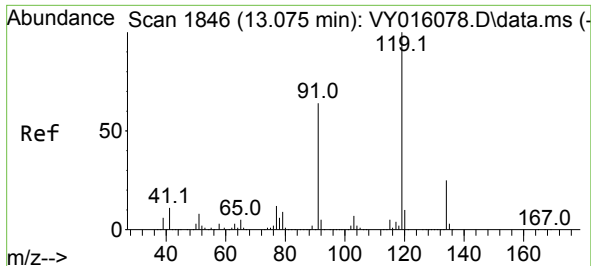
Tgt Ion: 75 Resp: 2062
Ion Ratio Lower Upper
75 100
53 114.2 77.8 116.8
89 100.9 37.4 56.0#



#82
4-Chlorotoluene
Concen: 35.275 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

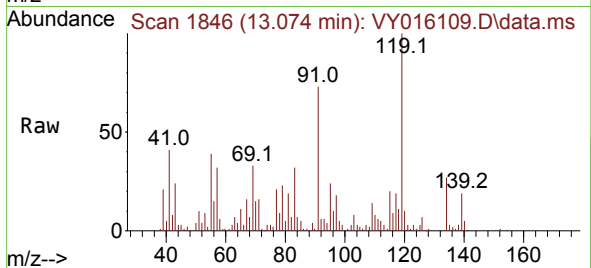
Tgt Ion: 91 Resp: 134517
Ion Ratio Lower Upper
91 100
126 0.6 17.2 51.6#



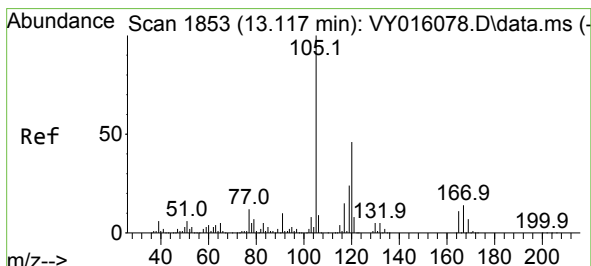
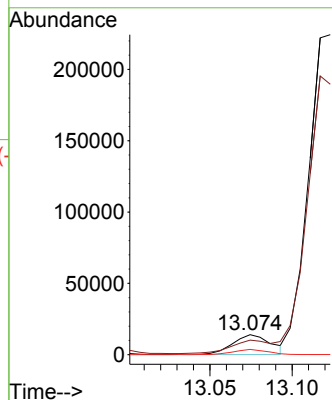
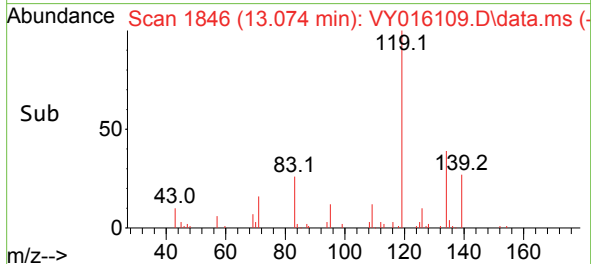


#83
tert-Butylbenzene
Concen: 5.572 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Instrument :
MSVOA_Y
ClientSampleId :

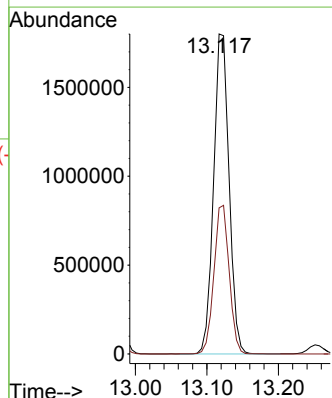
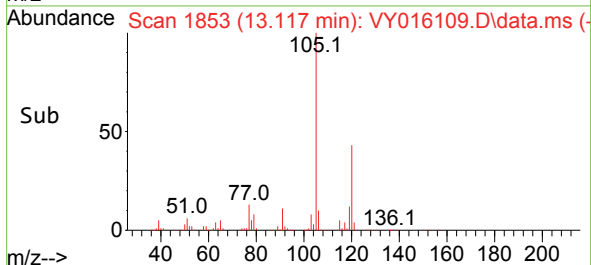
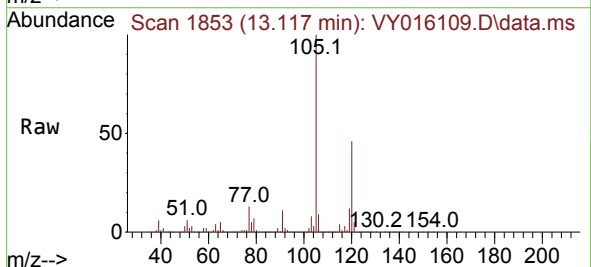


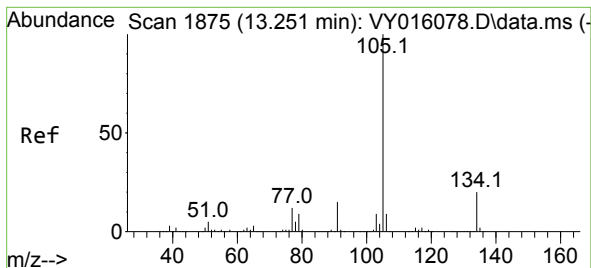
Tgt Ion:119 Resp: 22296
Ion Ratio Lower Upper
119 100
91 67.4 32.9 98.6
134 24.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 607.364 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion:105 Resp: 2700517
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 453.091 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.134 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

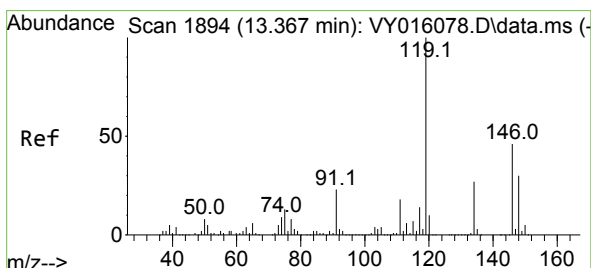
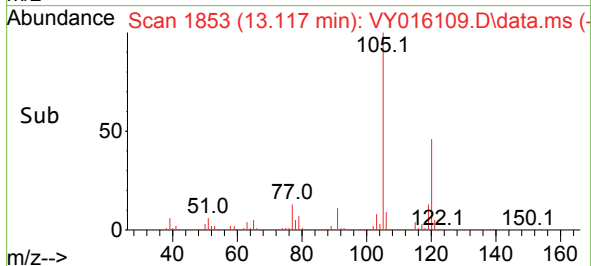
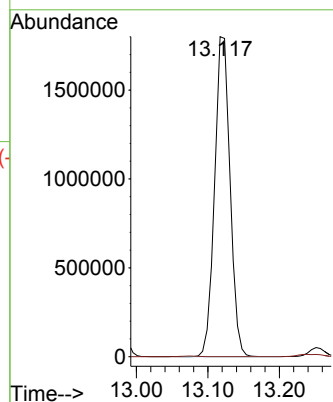
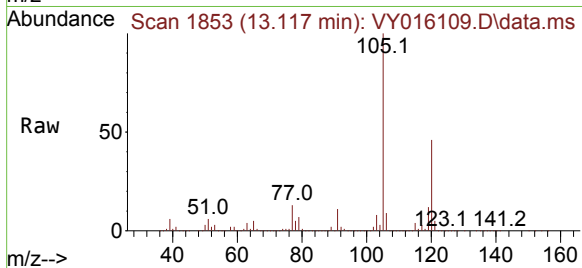
ClientSampleId :

Tgt Ion:105 Resp: 2700517

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 20.124 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

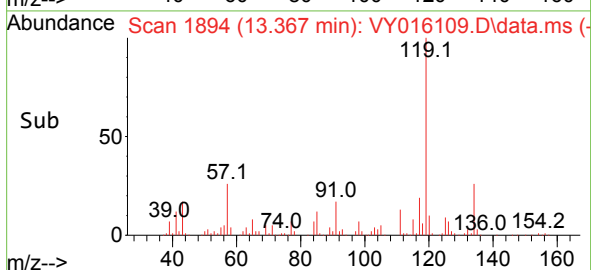
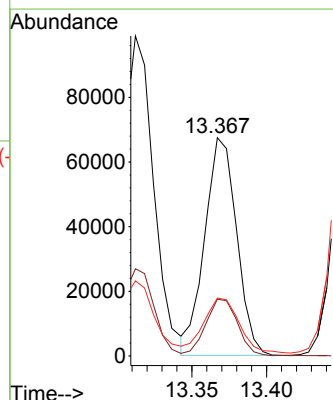
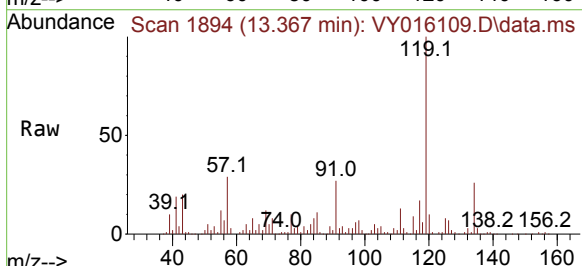
Tgt Ion:119 Resp: 100084

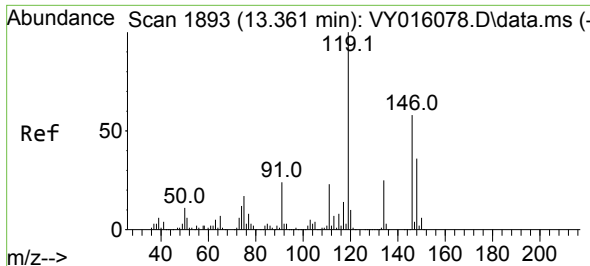
Ion Ratio Lower Upper

119 100

134 25.6 13.3 39.8

91 28.0 12.4 37.4

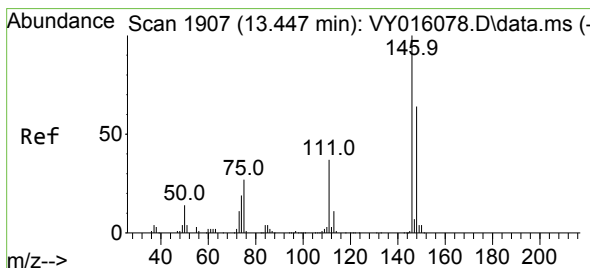
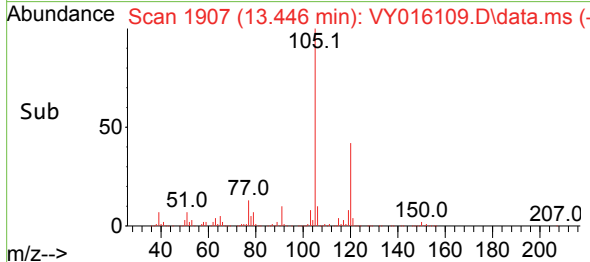
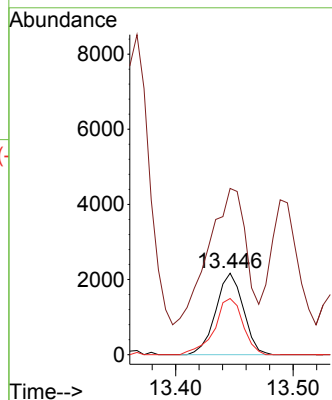
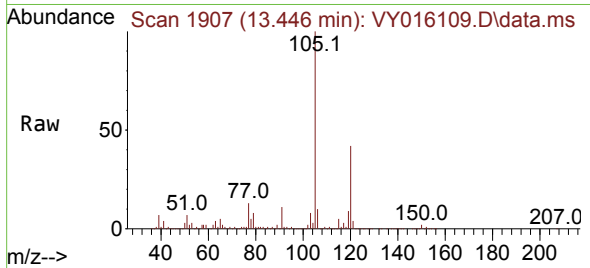




#87
 1,3-Dichlorobenzene
 Concen: 1.379 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.085 min
 Lab File: VY016109.D
 Acq: 27 Oct 2023 17:20

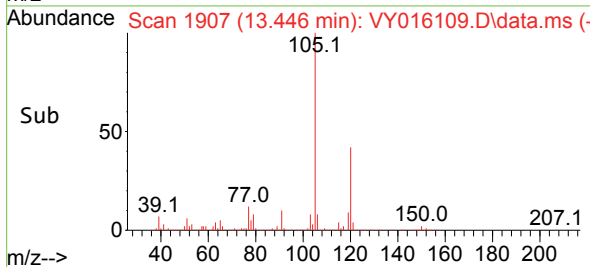
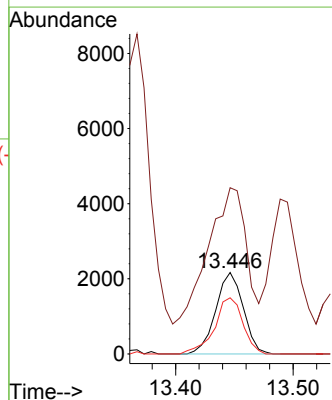
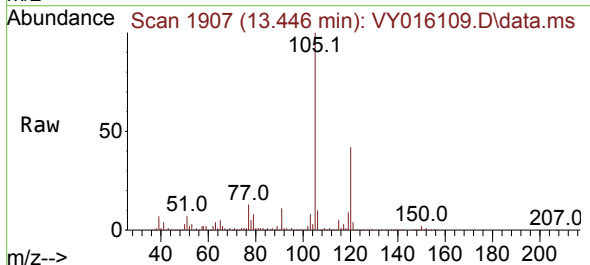
Instrument :
 MSVOA_Y
 ClientSampleId :

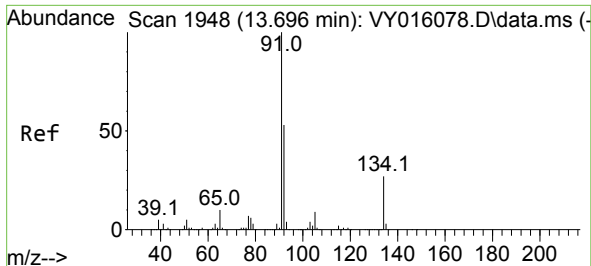
Tgt Ion:146 Resp: 3523
 Ion Ratio Lower Upper
 146 100
 111 228.9 19.4 58.2#
 148 71.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 1.395 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY016109.D
 Acq: 27 Oct 2023 17:20

Tgt Ion:146 Resp: 3523
 Ion Ratio Lower Upper
 146 100
 111 228.9 18.9 56.7#
 148 71.3 32.1 96.5

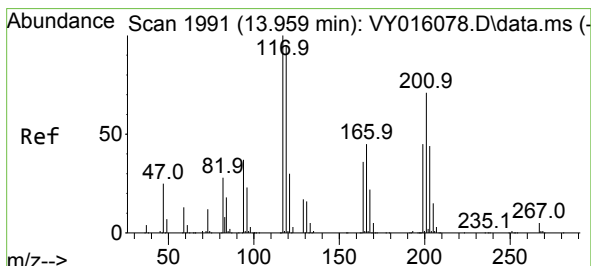
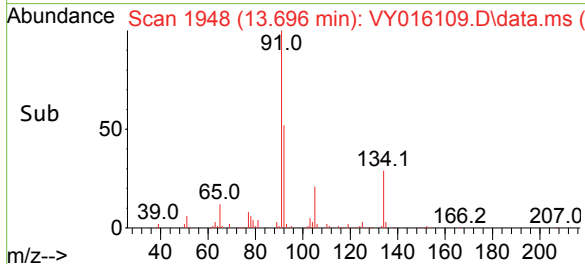
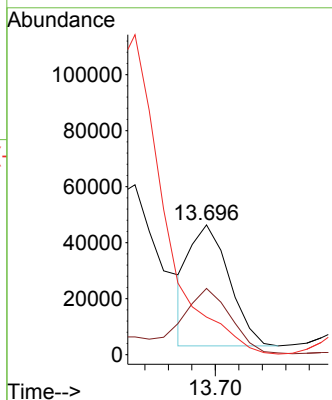
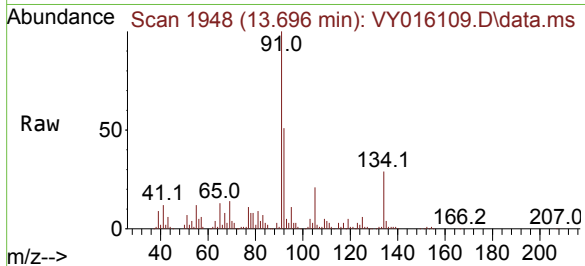




#89
n-Butylbenzene
Concen: 10.900 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

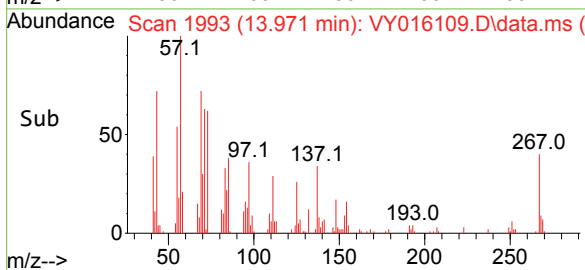
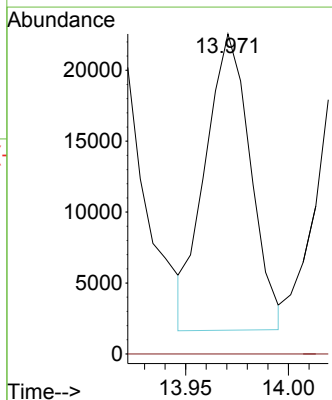
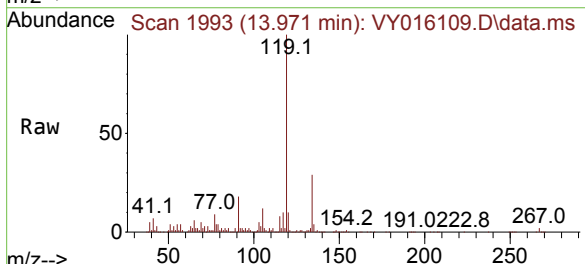
Instrument :
MSVOA_Y
ClientSampleId :

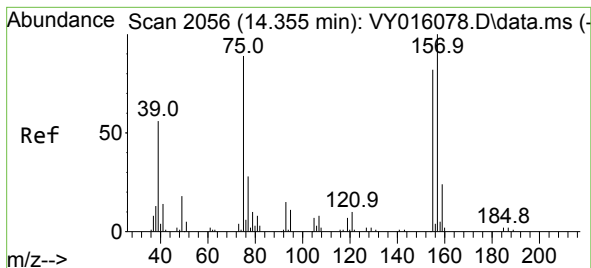
Tgt Ion: 91 Resp: 50568
Ion Ratio Lower Upper
91 100
92 82.0 25.4 76.0#
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 33.049 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion: 117 Resp: 32000
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

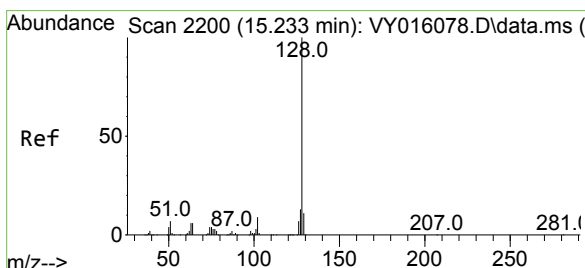
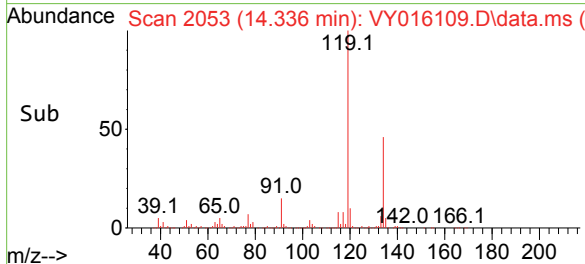
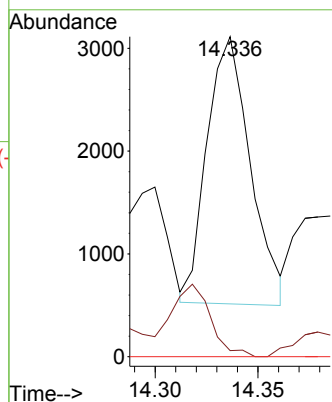
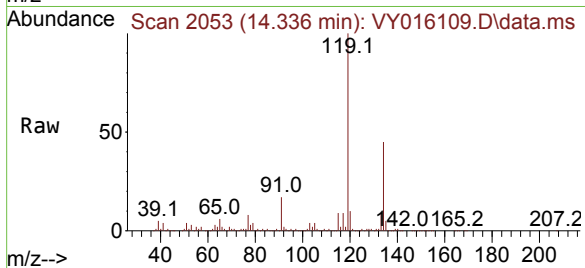




#92
1,2-Dibromo-3-Chloropropane
Concen: 21.889 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

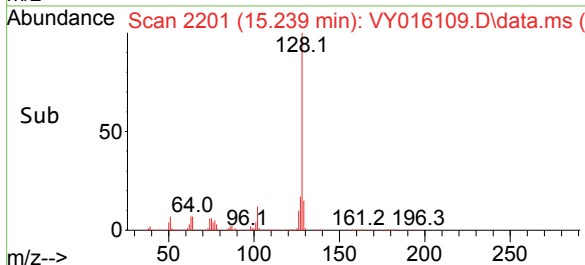
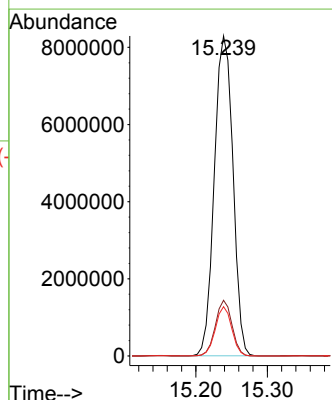
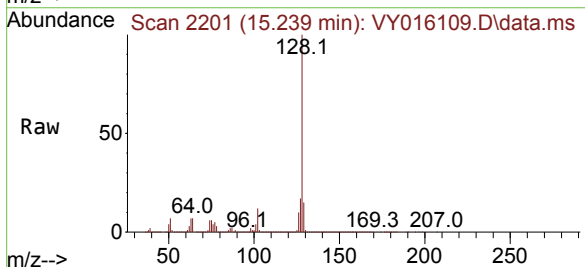
Instrument :
MSVOA_Y
ClientSampleId :

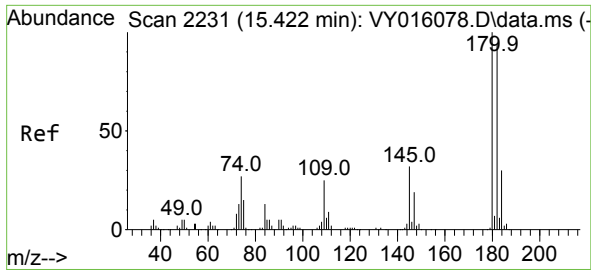
Tgt Ion: 75 Resp: 3809
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 5487.102 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016109.D
Acq: 27 Oct 2023 17:20

Tgt Ion: 128 Resp: 14978597
Ion Ratio Lower Upper
128 100
127 15.5 10.8 16.2
129 13.6 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.041 ug/l

RT: 15.391 min Scan# 21

Delta R.T. -0.031 min

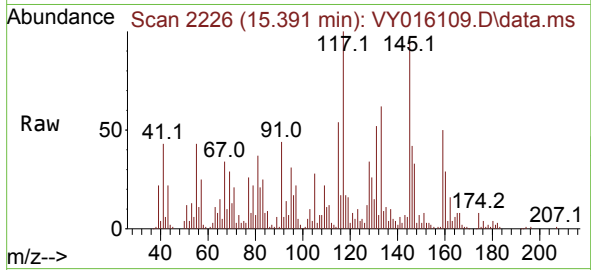
Lab File: VY016109.D

Acq: 27 Oct 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 1257

Ion Ratio Lower Upper

180 100

182 299.8 47.3 141.8#

145 6865.2 15.4 46.2#

